

# Old type transmitter Comparison table



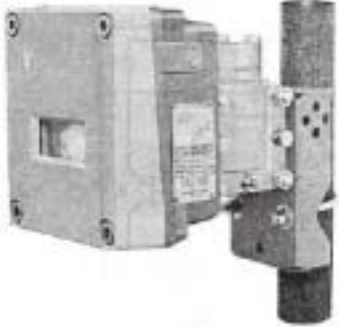



GTX Sales-Specific Course

Date	
Name	
Company	

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## I. Our old type transmitters

	
<p>NDI series NKI series</p>	<p>DSTJ8000 series Model KID/KKI</p>
	
<p>DSTJ3000 S200 series Model JT 2</p>	<p>DSTJ3000 Ace series Model JT 9</p>

The parts supply of old models has already ended.

Series	Released	Obsolete	Ended the parts supply
NDI series	1968	1991	1993
NKI series	1968	1991	1993
DSTJ 8000 series	1978	1988 ~ 1989	1989
DSTJ 3000 S200 series	1983	1999	2005
DSTJ 3000 Aces	1992	1998	2003

## **II. Attention in replacement**

**In order to replacement to GTX, there is too much little information only at model number....**

1. You should try to get the **“final specification and drawing”** which we had delivery with the hardware, as much as possible.
2. If there is also no “final specification and drawing” and the model number is shown “Y” or “Z”,
  - You should inform to AAC following information
    - Production number
    - Production data
    - Full model number
  - If our factory still keeps the data, AAC can propose.
3. When a replacement one is estimated, you should check the specification sheet of old one.
  - How about process condition ?
  - How about electrical conduit connection ?
  - How about mounting form ?
4. Be sure to ask the customer whether the newest options which can be chosen only as GTX is necessity.
  - Does it need “external zero adjustment” ?
  - Does it need “Alarm output” ?
5. Please select GTX’s following options, if customer needs these.
  - [R1] Custom calibration
  - [T1] Test report
  - [T2] Mill certificate
  - [W1] Non-SI unit
6. **Also in order to show the different in the performance of old type and GTX, let’s make a comparison table and present the customer.**

### III. Model number conversion table

#### A) NDI series : Force balance analog transmitter (Released 1968)

Product name	Model	Obsolete	Ended parts supply	Replace to
Standard High differential pressure	NDI11	31/May/1991	31/Dec./1993	GTX42D
Standard Middle differential pressure	NDI22			GTX31D
Standard Low differential pressure	NDI33			GTX30D
Standard Lowest differential pressure	NDI44			
Flange type High differential pressure	NDI61	31/May/1991	31/Dec./1993	GTX60F
Flange type Middle differential pressure	NDI62			GTX35F
Remote-sealed High differential pressure	NDI71	31/May/1991	31/Dec./1993	GTX40R
Remote-sealed Middle differential pressure	NDI72			GTX35R
High static pressure High differential pressure	NDI81	31/May/1991	31/Dec./1993	GTX42D
	(Y110)			GTX40R
High static pressure Middle differential pressure	NDI82			GTX32D
	(Y111)			GTX35R
Absolute type Middle pressure	NDI91	31/May/1991	31/Dec./1993	GTX60A
	(Y64)			---
Absolute type Middle pressure	NDI92			GTX30A
	(Y64)			---

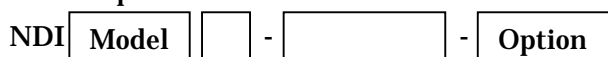
#### Measuring range & working pressure (Pressure limit)

NDI	Measuring range	Pressure limit	GTX	Measuring range	Pressure limit
NDI11	0~0.5 to 0~5kgf/cm <sup>2</sup>	-0.5 ~ +100kg/cm <sup>2</sup> G	GTX41D	-1 ~ 7kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
NDI22	0~500 to 0~6,500mmH <sub>2</sub> O	-0.5 ~ +100kg/cm <sup>2</sup> G	GTX32D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
NDI33	0~100 to 0~600mmH <sub>2</sub> O	-0.1 ~ +50kgf/cm <sup>2</sup> G			
NDI44	0~20 to 0~120mmH <sub>2</sub> O	-0.15 ~ +5kg/cm <sup>2</sup> G	GTX30D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 35kgf/cm <sup>2</sup>
NDI61	0~0.5 to 0~5kgf/cm <sup>2</sup>	Up to flange rating	GTX60F	-1 ~ 35kgf/cm <sup>2</sup>	Up to flange rating
NDI62	0~500 to 0~6,500mmH <sub>2</sub> O	Up to flange rating	GTX35F	-10,160 ~ 10,160mmH <sub>2</sub> O	Up to flange rating
NDI71	0~0.5 to 0~5kgf/cm <sup>2</sup>	Up to flange rating	GTX40R	-1 ~ 7kgf/cm <sup>2</sup>	Up to flange rating
NDI72	0~500 to 0~6,500mmH <sub>2</sub> O	Up to flange rating	GTX35R	-10,160 ~ 10,160mmH <sub>2</sub> O	Up to flange rating
NDI81	0~0.5 to 0~5kgf/cm <sup>2</sup>	-0.5 ~ +500kg/cm <sup>2</sup> G	GTX42D	-1 ~ 7kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
NDI82	0~500 to 0~5,500mmH <sub>2</sub> O	-0.5 ~ +500kg/cm <sup>2</sup> G	GTX32D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
NDI91	0~0.5 to 0~5kgf/cm <sup>2</sup> abs.	-1 ~ +5kg/cm <sup>2</sup> G	GTX60A	-1 ~ 35kgf/cm <sup>2</sup> abs.	15mmHg abs. ~ 35kgf/cm <sup>2</sup> abs.
NDI92	0~1.360 to 0~6,500mmH <sub>2</sub> O abs.	-1 ~ +5kg/cm <sup>2</sup> G	GTX30A	0 ~ 780mmHg abs.	0.1 ~ 780mmHg abs.



**A) NDI series : Force balance analog transmitter (Released 1968)**

Model number composition



“Y” specification / TOKUMI “Z”
“Y” was attached when semi-standard-option accompanied. [Example] NDI11Y-1122E-8A
When TOKUMI was issued, “Z” was accompanied. [Example] NDI11Z-XXXXE-8A

Basic specification (5 or 6 digits)	
I	Cover flange material (HP/flange/input) side
II	Cover flange material (LP/Vacuum) side
III	Diaphragm material [No. I] side
IV	Diaphragm material [No. II] side
V	Flange rating (only for 61/62/71/72)
VI	Housing

- ◆ When “Y” is attached, the contents cannot be identified on model number.
  - Such as “Y110” or “Y64” accompanied, even the model number is as standard type, but it became to flange type or remote-sealed type.
- ◆ The material of cover flange and diaphragm were able to choose the material that HP/LP was different.
- ◆ Although flange type (NDI61/62) extended length had only 2 types (100 or 150mm), it cannot be identified on model number.
- ◆ Although capillary length (NDI71/72) had 3 types (1.5, 3, or 5m), it cannot be identified on model number.

**A) NDI series : Force balance analog transmitter (Released 1968)**

Model number table

Basic No.	Product name		Measuring range		Working pressure		GTX	
NDI11	Standard type High differential pressure		0 5,000 to 0 50,000mmH2O		-0.5 to +100kg/cm2G		GTX41D	
NDI22	Standard type Middle differential pressure		0 500 to 0 6,500mmH2O		-0.5 to +100kg/cm2G		GTX32D	
NDI33	Standard type Low differential pressure		0 100 to 0 600mmH2O		-0.5 to +50kg/cm2G		GTX32D	
NDI44	Standard type Lowest differential pressure		0 20 to 0 120mmH2O		-150mmH2O to +5kg/cm2G		GTX30D	
NDI81	High static type High differential pressure		0 5,000 to 0 50,000mmH2O		-0.5 to +500kg/cm2G		GTX42D	
NDI82	High static type Middle differential pressure		0 500 to 0 5,500mmH2O		-0.5 to +500kg/cm2G		GTX32D	
NDI91	Absolute type Middle pressure		0 5,000 to 0 50,000mmH2O abs.		-1 to +5kg/cm2G		GTX60A	
NDI92	Absolute type Middle pressure		0 1,360 to 0 6,500mmH2O		-1 to +5kg/cm2G		GTX30A	
	Cover material		Diaphragm material		Housing	Option	Description	
	HP	LP	HP	LP				
	-1						Carbon steel (SF45)	-1
	-2						SUS316	-2
	-3						Monel lining (Base SUS316)	-3
	-4						Tantalum lining (Base SUS316)	-4
	-5						Rigid PVC (Polyvinyl chloride)	-5
	-6						Titanium	-6
		1					Carbon steel (SF45)	1
		2					SUS316	2
		3					Monel lining (Base SUS316)	3
		4					Tantalum lining (Base SUS316)	4
		5					Rigid PVC (Polyvinyl chloride)	5
		6					Titanium	6
			2				SUS316	2
			3				Monel	3
			4				Tantalum	4
			6				Titanium	6
				2			SUS316	2
				3			Monel	3
				4			Tantalum	4
				6			Titanium	6
					W		Water proof housing	W
					E		Explosion proof housing	E
					H		Intrinsic safety housing	H
						-5	High elevation	-5
						-6	High suppression	-6
						-8	Explosion proof terminal box	-8
						-8A	[8] with 1 packing cable adaptor	-8A
						-8B	[8] with 2 packing cable adaptor	-8B
						-12	Integral orifice assembly	-12
						Y-Spec.		
						Y20	Half range setting	Y20
						Y21	Oil free	Y21
						Y23	For vacuum service	Y23
						Y29	With steam jacket	Y29
						Y59	PTB approved intrinsic safety structure	Y59
						Y64	Flange type	Y64
						Y110	Wafer type ; Capillary tube (1.5/3m) 3B RF	Y110
						Y111	Wafer type ; Capillary tube (1.5/3m) 3B RF	Y111
						Y66	SUS304 cover flange bolt	Y66
						Y126	Without indicator	Y126
						Y138A	Acrylic baked Corrosion resistant paint	Y138A
						Y138B	Epoxy baked Corrosion proof paint	Y138B
						Y138C	Acrylic baked Silver paint	Y138C
						Y138D	Epoxy baked Silver paint	Y138D
						Y145	With lightning arrestor	Y145

**A) NDI series : Force balance analog transmitter (Released 1968)**

Basic No.	Product name			Measuring range		Working pressure		GTX	
NDI61	Flange type High differential pressure			0 5,000 to 0 50,000mmH2O		-0.5kg/cm2G to flange rating		GTX60F	
NDI62	Flange type Middle differential pressure			0 500 to 0 6,500mmH2O		-0.5kg/cm2G to flange rating		GTX35F	
NDI71	Remote-sealed High differential pressure			0 5,000 to 0 50,000mmH2O		-0.5kg/cm2G to flange rating		GTX40R	
NDI72	Remote-sealed Middle differential pressure			0 500 to 0 6,500mmH2O		-0.5kg/cm2G to flange rating		GTX35R	
	Cover material		Diaphragm material		Flange rating	Housing	Option	Description	
	HP(Flange)	Cover	HP	LP					
	-1							Carbon steel (SF45)	-1
	-2							SUS316	-2
		1						Carbon steel (SF45)	1
		2						SUS316	2
		3						Monel line (Base SUS316)	3
		4						Tantalum lining (Base SUS316)	4
		5						Rigid PVC (Polyvinyl chloride)	5
		6						Titanium	6
			2					SUS316	2
			3					Monel	3
			4					Tantalum	4
			6					Titanium	6
				2				SUS316	2
				3				Monel	3
				4				Tantalum	4
				6				Titanium	6
					1			Flush type 80mm JIS10K RF	1
					2			Flush type 80mm JIS30K RF	2
					3			Flush type 3B ANSI 150 RF	3
					4			Flush type 3B ANSI 300 RF	4
			Extended length 100 or 150mm		5			Extended 100mm JIS10K RF	5
					6			Extended 100mm JIS30K RF	6
					7			Extended 4B ANSI 150 RF	7
					8			Extended 4B ANSI 300 RF	8
						W		Water proof housing	W
						E		Explosion proof housing	E
						H		Intrinsic safety housing	H
							-5	High elevation	-5
							-6	High suppression	-6
							-8	Explosion proof terminal box	-8
							-8A	[8] with 1 packing cable adaptor	-8A
							-8B	[8] with 2 packing cable adaptor	-8B
							Y-Spec		
						Y20	Half range setting		Y20
						Y23	For vacuum service		Y23
						Y29	With steam jacket		Y29
						Y59	PTB apporved intrinsic safety structure		Y59
						Y62	High temperature use		Y62
						Y63	Low temperature use		Y63
						Y65	High temperature use		Y65
						Y66	SUS304 cover flange bolt		Y66
						Y126	Without indicator		Y126
						Y138A	Acrylic baked Corrosion resistant paint		Y138A
						Y138B	Epoxy baked Corrosion proof paint		Y138B
						Y138C	Acrylic baked Silver paint		Y138C
						Y138D	Epoxy baked Silver paint		Y138D
						Y145	With lightning arrester		Y145

**B) NKI series : Bourdon tube type analog transmitter (Released 1968)**

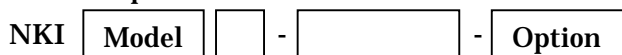
Product name	Model	Obsolete	Ended parts supply	Replace to
Standard type High pressure	NKI11	31/May/1991	31/Dec./1993	---
Standard type Middle pressure	NKI12			GTX82G
Standard type Middle pressure	NKI13			GTX71G
Standard type Middle pressure	NKI14			
Standard type Low pressure	NKI15			GTX60G
Standard type Low pressure	NKI16			
Standard type Lowest pressure	NKI17			GTX30D
Standard type Lowest pressure	NKI18			---
Absolute type High pressure	NKI25	31/May/1991	31/Dec./1993	GTX60A
Absolute type Middle pressure	NKI26			
Absolute type Low pressure	NKI27			GTX30A
Absolute type Lowest pressure	NKI28			
Remote-sealed type Highest pressure	NKI31	31/May/1991	31/Dec./1993	---
Remote-sealed type High pressure	NKI32			GTX82U
Remote-sealed type Middle pressure	NKI33			GTX71U
Remote-sealed type Middle pressure	NKI34			
Remote-sealed type Low pressure	NKI35			GTX60U
Remote-sealed type Lowest pressure	NKI36			

**Measuring range & working pressure (Pressure limit)**

NKI	Measuring range	Pressure limit	GTX	Measuring range	Pressure limit
NKI11	0~100 to 0~700kgf/cm <sup>2</sup>	-1 to +700kg/cm <sup>2</sup> G	---		
NKI12	0~25 to 0~250kgf/cm <sup>2</sup>	-1 to +300kg/cm <sup>2</sup> G	GTX82G	-1 ~ 420kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
NKI13	0~7 to 0~70kgf/cm <sup>2</sup>	-1 to +105kg/cm <sup>2</sup> G	GTX71G	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 140kgf/cm <sup>2</sup>
NKI14	0~3.5 to 0~35kgf/cm <sup>2</sup>	-1 to +52.5kg/cm <sup>2</sup> G			
NKI15	0~0.7 to 0~7kgf/cm <sup>2</sup>	-1 to +10.5kg/cm <sup>2</sup> G	GTX60G	-1 ~ 35kgf/cm <sup>2</sup>	15mmHg abs. ~ 35kgf/cm <sup>2</sup>
NKI16	0~0.2 to 0~2kgf/cm <sup>2</sup>	-1 to +3kg/cm <sup>2</sup> G			
NKI17	0~50 to 0~500mmHg	-500 to +500mmHg	GTX30D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 35kgf/cm <sup>2</sup>
NKI18	0~10 to 0~100mmHg	-100 to +100mmHg	---		
NKI25	0~0.7 to 0~7kgf/cm <sup>2</sup> abs.	0 to +7kg/cm <sup>2</sup> G abs.	GTX60A	0 ~ 35kgf/cm <sup>2</sup> abs.	15mmHg abs. ~ 35kgf/cm <sup>2</sup> abs.
NKI26	0~0.2 to 0~2kgf/cm <sup>2</sup> abs.	0 to +2kg/cm <sup>2</sup> G abs.			
NKI27	0~50 to 0~500mmHg abs.	0 to 500mmHg abs.	GTX30A	0 ~ 780mmHg abs	0.1 ~ 780mmHg abs.
NKI28	0~10 to 0~100mmHg abs.	0 to 100mmHg abs.			
NKI31	0~100 to 0~700kgf/cm <sup>2</sup>	-1 to +700kg/cm <sup>2</sup> G	---		
NKI32	0~25 to 0~250kgf/cm <sup>2</sup>	-1 to +300kg/cm <sup>2</sup> G	GTX82U	-1 ~ 420kgf/cm <sup>2</sup>	-1 ~ 420kgf/cm <sup>2</sup>
NKI33	0~7 to 0~70kgf/cm <sup>2</sup>	-1 to +105kg/cm <sup>2</sup> G	GTX71U	-1 ~ 102kgf/cm <sup>2</sup>	-1 ~ 102kgf/cm <sup>2</sup>
NKI34	0~3.5 to 0~35kgf/cm <sup>2</sup>	-1 to +48kg/cm <sup>2</sup> G	GTX60U	0.35 ~ 35kgf/cm <sup>2</sup>	-1 ~ 35kgf/cm <sup>2</sup>
NKI35	0~0.7 to 0~7kgf/cm <sup>2</sup>	-1 to +10.5kg/cm <sup>2</sup> G			
NKI36	0~0.2 to 0~2kgf/cm <sup>2</sup>	-1 to +3kg/cm <sup>2</sup> G			

**B) NKI series : Bourdon tube type analog transmitter (Released 1968)**

Model number composition



“Y” specification / TOKUMI “Z”
<p>“Y” was attached when semi-standard-option accompanied.</p> <p>[Example] NKI11Y-22E-8A</p>
<p>When TOKUMI was issued, “Z” was accompanied.</p> <p>[Example] NKI11Z-XXE-8A</p>

Basic specification (3 or 4 digits)	
I	Cover flange material
II	Wetted parts material
III	Flange or Screw rating (for NKI3 )
IV	Housing

- ◆ When “Y” is attached, the contents cannot be identified on model number.
- ◆ Although capillary length (NKI3 ) had 3 types (1.5, 3, or 5m), it cannot be identified on model number.
- ◆ Although extended length (NKI3 ) had 2 types (100 or 150mm), it cannot be identified on model number.

**B) NKI series : Bourdon tube type analog transmitter (Released 1968)**

Model number table

Basic No.	Product name				Measuring range	Working pressure	GTX
NKI11	Standard type High pressure type				0 100 to 0 700kg/cm <sup>2</sup>	-1 to 700kg/cm <sup>2</sup> G	---
NKI12	Standard type Middle pressure type				0 25 to 0 250kg/cm <sup>2</sup>	-1 to 300kg/cm <sup>2</sup> G	GTX82G
NKI13	Standard type Middle pressure type				0 25 to 0 70kg/cm <sup>2</sup>	-1 to 105kg/cm <sup>2</sup> G	GTX71G
NKI14	Standard type Middle pressure type				0 3.5 to 0 35kg/cm <sup>2</sup>	-1 to 52.5kg/cm <sup>2</sup> G	GTX71G
NKI15	Standard type Low pressure type				0 0.7 to 0 7kg/cm <sup>2</sup>	-1 to 10.5kg/cm <sup>2</sup> G	GTX60G
NKI16	Standard type Low pressure type				0 0.2 to 0 2kg/cm <sup>2</sup>	-1 to 3kg/cm <sup>2</sup> G	GTX60G
NKI17	Standard type Lowest pressure type				0 50 to 0 500mmHg	-500 to 500mmHg	GTX30D
NKI18	Standard type Lowest pressure type				0 10 to 0 100mmHg	-100 to 100mmHg	---
NKI25	Absolute High pressure type				0 0.7 to 0 7kg/cm <sup>2</sup> abs.	0 to 7kg/cm <sup>2</sup> abs.	GTX60A
NKI26	Absolute Middle pressure type				0 0.2 to 0 2kg/cm <sup>2</sup> abs.	0 to 2kg/cm <sup>2</sup> abs.	GTX60A
NKI27	Absolute Low pressure type				0 50 to 0 500mmHg abs.	0 to 500mmHg abs.	GTX30A
NKI28	Absolute Lowest pressure type				0 10 to 0 100mmHg abs.	0 to 100mmHg abs.	GTX30A
	Cover material	Element material	Housing	Option	Description		
	-1				Carbon steel (SF45)		-1
	-2				SUS316		-2
		2			SUS316		2
			W		Water proof housing		W
			E		Explosion proof housing		E
			H		Intrinsic safety housing		H
				-5	High elevation		-5
				-8	Explosion proof terminal box		-8
				-8A	[8] with 1 packing cable adaptor		-8A
				-8B	[8] with 2 packing cable adaptor		-8B
				Y - Spec			
				Y59	PTB approved intrinsic safety structure		Y59
				Y67	Oil free		Y67
				Y108	For vacuum service for		Y108
				Y113	With steam jacket		Y113
				Y126	Without indicator		Y126
				Y138A	Acrylic baked Corrosion resistant paint		Y138A
				Y138B	Epoxy baked Corrosion proof paint		Y138B
				Y138C	Acrylic baked Silver paint		Y138C
				Y138D	Epoxy baked Silver paint		Y138D
				Y145	With lightning arrester		Y145

**B) NKI series : Bourdon tube type analog transmitter (Released 1968)**

Basic No.	Product name	Measuring range	Working pressure	GTX
NKI31	Remote-sealed Highest pressure type	0 100 to 0 700kg/cm2	-1 to 700kg/cm2G	---
NKI32	Remote-sealed High pressure type	0 25 to 0 250kg/cm2	-1 to 300kg/cm2G	GTX82U
NKI33	Remote-sealed Middle pressure type	0 7 to 0 70kg/cm2	-1 to 105kg/cm2G	GTX71U
NKI34	Remote-sealed Middle pressure type	0 3.5 to 0 35kg/cm2	-1 to 48kg/cm2G	GTX60U
NKI35	Remote-sealed Low pressure type	0 0.7 to 0 7kg/cm2	-0.5 to 10.5kg/cm2G	GTX60U
NKI36	Remote-sealed Lowest pressure type	0 0.2 to 0 2kg/cm2	-0.5 to 3kg/cm2G	GTX60U

Cover material	Element material	Flange rating	Housing	Option	Description	
-1					Carbon steel (SF45)	-1
-2					SUS316	-2
	2				SUS316	2
	3				Monel	3
	4				Tantalum	4
	6				Titanium	6
		01			Flush type 80mm JIS 10K (RF)	01
		02			Flush type 80mm JIS 30K (RF)	02
		03			Flush type 3" ANSI 150 (RF)	03
		04			Flush type 3" ANSI 300 (RF)	04
		05			Extended 100mm JIS 10K (RF)	05
		06			Extended 100mm JIS 30K (RF)	06
		07			Extended 4" ANSI 150 (RF)	07
		08			Extended 4" ANSI 300 (RF)	08
		09			2" ANSI (RF) Wafer	09
		10			3" ANSI (RF) Wafer	10
		11			RF1/2 male button diaphragm	11
			W		Water proof housing	W
			E		Explosion proof housing	E
			H		Intrinsic safety housing	H
				-5	High elevation	-5
				-8	Explosion proof terminal box	-8
				-8A	[8] with 1 packing cable adaptor	-8A
				-8B	[8] with 2 packing cable adaptor	-8B
				Y-Spec		
				Y59	PTB approved intrinsic safety structure	Y59
				Y68	Vacuum use	Y68
				Y69	High temperature use	Y69
				Y70	Low temperature use	Y70
				Y113	With steam jacket	Y113
				Y126	Without indicator	Y126
				Y138A	Acrylic baked Corrosion resistant paint	Y138A
				Y138B	Epoxy baked Corrosion proof paint	Y138B
				Y138C	Acrylic baked Silver paint	Y138C
				Y138D	Epoxy baked Silver paint	Y138D
				Y145	With lightning arrester	Y145

**C) DSTJ3000 series : Silicon semiconductor type analog transmitter (Released 1978)**

Product name	Model	Obsolete	Ended parts supply	Replace to
Standard High differential pressure	KDI11	07/Jul./1988	19/Apr./1989	GTx41D
Standard Middle differential pressure	KDI22	~		GTx31D
Standard Low differential pressure	KDI23	10/Jan./1989		
Standard Low differential pressure	KDI34	19/Apr./1989	19/Apr./1989	GTx31D
Standard Low differential pressure	KDI35			
Standard Low differential pressure	KDI46			---
Flange type High differential pressure	KDI51/61	07/Oct./1988	19/Apr./1989	GTx60F
Flange type Middle differential pressure	KDI52/62	~		GTx35F
Flange type Low differential pressure	KDI53/63	10/Jan./1989		
Remote-sealed High differential pressure	KDI71	07/Oct./1988	19/Apr./1989	GTx40R
Remote-sealed Middle differential pressure	KDI72	~		GTx35R
Remote-sealed Low differential pressure	KDI73	10/Jan./1989		
High static pressure High differential pressure	KDI81	07/Jul./1988	19/Apr./1989	GTx42D
High static pressure Middle differential pressure	KDI82	~		GTx32D
High static pressure Low differential pressure	KDI83	08/Dec./1988		
Super-high differential pressure (Y167A)	KDI10Y/80Y	07/Jul./1988	19/Apr./1989	GTx71D
Super-high differential pressure (Y167B)	KDI10Y/80Y			
Super-high differential pressure (Y167C)	KDI10Y/80Y			GTx72D
Standard High pressure type	KKI11	09/Aug./1988 ~ 19/Apr./1989	19/Apr./1989	---
Standard High pressure type	KKI12			GTx82G
Standard Middle pressure type	KKI13			GTx71G
Standard Middle pressure type	KKI14			
Standard Low pressure type	KKI15			GTx60G
Standard Low pressure type	KKI16			
Absolute pressure type	KKI26	19/Apr./1989	19/Apr./1989	GTx60A
Absolute pressure type	KKI28			GTx30A
Remote-sealed type pressure	KKI71	07/Oct./1988 ~ 19/Apr./1989	19/Apr./1989	---
Remote-sealed type pressure	KKI72			
Remote-sealed type pressure	KKI73			GTx82U
Remote-sealed type pressure	KKI74			
Remote-sealed type pressure	KKI75			
Remote-sealed type pressure	KKI76			GTx60U

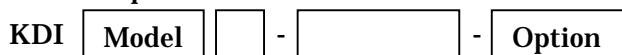


**C) DSTJ 8000 series : Silicon semiconductor type analog transmitter (Released 1978)**
**Measuring range & working pressure (pressure limit)**

KDI/KKI	Measuring range	Pressure limit	GTX	Measuring range	Pressure limit
KDI11	0~0.25 to 0~2.5kgf/cm <sup>2</sup>	-1 to +140kg/cm <sup>2</sup> G	GTX41D	-1 ~ 7kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
KDI22	0~650 to 0~6,500mmH <sub>2</sub> O	-1 to +140kg/cm <sup>2</sup> G	GTX31D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
KDI23	0~550 to 0~2,600mmH <sub>2</sub> O	-1 to +140kg/cm <sup>2</sup> G			
KDI34	0~200 to 0~1,000mmH <sub>2</sub> O	-1 to +35kg/cm <sup>2</sup> G	GTX30D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 35kgf/cm <sup>2</sup>
KDI35	0~75 to 0~380mmH <sub>2</sub> O	-1 to +35kg/cm <sup>2</sup> G			
KDI46	0~20 to 0~100mmH <sub>2</sub> O	-1 to +35kg/cm <sup>2</sup> G	---		
KDI51/61	0~0.25 to 0~2.5kgf/cm <sup>2</sup>	Up to flange rating	GTX60F	-1 ~ 35kgf/cm <sup>2</sup>	Up to flange rating
KDI52/62	0~650 to 0~6,500mmH <sub>2</sub> O	Up to flange rating	GTX35F	-10,160 ~ 10,160mmH <sub>2</sub> O	Up to flange rating
KDI53/63	0~500 to 0~2,600mmH <sub>2</sub> O	Up to flange rating			
KDI71	0~0.25 to 0~2.5kgf/cm <sup>2</sup>	Up to flange rating	GTX40R	-1 ~ 7kgf/cm <sup>2</sup>	Up to flange rating
KDI72	0~650 to 0~6,500mmH <sub>2</sub> O	Up to flange rating	GTX35R	-10,160 ~ 10,160mmH <sub>2</sub> O	Up to flange rating
KDI73	0~500 to 0~2,600mmH <sub>2</sub> O	Up to flange rating			
KDI81	0~0.25 to 0~2.5kgf/cm <sup>2</sup>	-1 to +420kg/cm <sup>2</sup> G	GTX42D	-1 ~ 7kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
KDI82	0~650 to 0~6,500mmH <sub>2</sub> O	-1 to +420kg/cm <sup>2</sup> G	GTX32D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
KDI83	0~500 to 0~2,600mmH <sub>2</sub> O	-1 to +420kg/cm <sup>2</sup> G			
KDI10Y(Y167A)	0~14 to 0~30kgf/cm <sup>2</sup>	-1 to +45kg/cm <sup>2</sup> G	GTX71D	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
KDI10Y(Y167B)	0~4 to 0~20kgf/cm <sup>2</sup>	-1 to +140kg/cm <sup>2</sup> G			
KDI10Y(Y167C)	0~2 to 0~10kgf/cm <sup>2</sup>	-1 to +420kg/cm <sup>2</sup> G	GTX72D	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
KDI80Y(Y167B)	0~4 to 0~20kgf/cm <sup>2</sup>	-1 to +140kg/cm <sup>2</sup> G	GTX71D	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
KDI80Y(Y167C)	0~2 to 0~10kgf/cm <sup>2</sup>	-1 to +420kg/cm <sup>2</sup> G	GTX72D	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
KKI11	0~70 to 0~700kgf/cm <sup>2</sup>	-1 to +700kg/cm <sup>2</sup> G	---		
KKI12	0~28 to 0~280kgf/cm <sup>2</sup>	-1 to +280kg/cm <sup>2</sup> G	GTX82G	-1 ~ 420kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
KKI13	0~10.5 to 0~105kgf/cm <sup>2</sup>	-1 to +105kg/cm <sup>2</sup> G	GTX71G	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 140kgf/cm <sup>2</sup>
KKI14	0~4.2 to 0~42kgf/cm <sup>2</sup>	-1 to +42kg/cm <sup>2</sup> G			
KKI15	0~1.8 to 0~18kgf/cm <sup>2</sup>	-1 to +18kg/cm <sup>2</sup> G	GTX60G	-1 ~ 35kgf/cm <sup>2</sup>	15mmHg abs. ~ 35kgf/cm <sup>2</sup>
KKI16	0~0.6 to 0~6kgf/cm <sup>2</sup>	-1 to +6kg/cm <sup>2</sup> G			
KKI26	0~0.6 to 0~6kgf/cm <sup>2</sup> abs.	-1 to +6kg/cm <sup>2</sup> abs.	GTX60A	-1 ~ 35kgf/cm <sup>2</sup> abs.	0.1mmHg abs. ~ 35kgf/cm <sup>2</sup> abs.
KKI28	0~40 to 0~478mmHg abs.	20 to 478mmHg abs.	GTX30A	0 ~ 780mmHg abs.	0.1 ~ 780mmHg abs.
KKI71	0~70 to 0~700kgf/cm <sup>2</sup>	-1 to +700kg/cm <sup>2</sup> G	---		
KKI72	0~28 to 0~280kgf/cm <sup>2</sup>	-1 to +280kg/cm <sup>2</sup> G	GTX82U	-1 ~ 420kgf/cm <sup>2</sup>	Up to flange rating
KKI73	0~10.5 to 0~105kgf/cm <sup>2</sup>	-1 to +105kg/cm <sup>2</sup> G			
KKI74	0~4.2 to 0~42kgf/cm <sup>2</sup>	-1 to +42kg/cm <sup>2</sup> G			
KKI75	0~1.8 to 0~18kgf/cm <sup>2</sup>	-1 to +18kg/cm <sup>2</sup> G	GTX60U	-1 ~ 35kgf/cm <sup>2</sup>	Up to flange rating
KKI76	0~0.6 to 0~6kgf/cm <sup>2</sup>	-1 to +6kg/cm <sup>2</sup> G			

**C) DSTJ 8000 series : Silicon semiconductor type analog transmitter (Released 1978)**

Model number composition



“Y” specification / TOKUMI “Z”
“Y” was attached when semi-standard-option accompanied. [Example] KDI71Y-11221E0210-ALM
When TOKUMI was issued, “Z” was accompanied. [Example] KDI71Z-11221EXX10-ALM

Basic specification (5, 7 or 8 digits)	
I	Cover flange material (HP side)
II	Cover flange material (LP side)
III	Wetted parts material (HP side)
IV	Wetted parts material (LP side)
V	Flange rating (for KDI5 /6 /7 )
VI	Housing
VII	Capillary tube length (for KDI7 )
VIII	Length of extended flange (for KDI5 /6 /7 )

- ◆ When “Y” is attached, the contents cannot be identified on model number.
  - As for KDI10Y and 80Y, operating pressure range had changed by Y-specification (Y167A/B/C).
- ◆ The material of cover flange and wetted parts were able to choose the material that HP/LP was different.



“Y” specification / TOKUMI “Z”
“Y” was attached when semi-standard-option accompanied. [Example]KKI71Y-1211E02-ALM
When TOKUMI was issued, “Z” was accompanied. [Example] KKI71Z-1211EXX-ALM

Basic specification (3 or 6 digits)	
I	Cover flange material
II	Wetted parts material
III	Flange rating (for KKI7 )
IV	Housing
V	Capillary tube length (for KKI7 )
VI	Length of extended flange (for KKI7 )

- ◆ When “Y” is attached, the contents cannot be identified on model number.

**C) DSTJ8000 series : Silicon semiconductor type analog transmitter (Released 1978)**

Model number table

Basic No.	Product name	Measuring range	Working pressure	GTX
KDI11	Standard High differential pressure	0 2,500 to 0 25,000mmH2O	-1 to +140kg/cm2G	GTX41D
KDI22	Standard Middle differential pressure	0 650 to 0 6,500mmH2O	-1 to +140kg/cm2G	GTX31D
KDI23	Standard Low differential pressure	0 500 to 0 2,600mmH2O	-1 to +140kg/cm2G	GTX31D
KDI34	Standard Low differential pressure	0 200 to 0 1,000mmH2O	-1 to +35kg/cm2G	GTX30D
KDI35	Standard Low differential pressure	0 75 to 0 380mmH2O	-1 to +35kg/cm2G	GTX30D
KDI46	Standard Low differential pressure	0 20 to 0 100mmH2O	-1 to +35kg/cm2G	--
KDI81	High static pressure type High DP	0 2,500 to 0 25,000mmH2O	-1 to +420kg/cm2G	GTX42D
KDI82	High static pressure type Middle DP	0 650 to 0 6,500mmH2O	-1 to +420kg/cm2G	GTX32D
KDI83	High static pressure type Low DP	0 500 to 0 2,600mmH2O	-1 to +420kg/cm2G	GTX32D
KDI10Y	(Y167A) Super high differential pressure	0 14 to 0 30kg/c,2	-1 to +45kg/cm2G	GTX71D
KDI10Y	(Y167B) Super high differential pressure	0 4 to 0 20kg/c,2	-1 to +140kg/cm2G	GTX71D
KDI10Y	(Y167C) Super high differential pressure	0 2 to 0 10kg/c,2	-1 to +420kg/cm2G	GTX72D
KDI80Y	(Y167B) Super high differential pressure	0 4 to 0 20kg/c,2	-1 to +140kg/cm2G	GTX71D
KDI80Y	(Y167C) Super high differential pressure	0 2 to 0 10kg/c,2	-1 to +420kg/cm2G	GTX72D

Cover material		Wetted material		Housing	Option	Description	
HL	LP	HP	LP				
-1						Carbon steel (SF45)	-1
-2						316SS	-2
-3						Monel	-3
-5						Rigid PVC (Vinyl chloride)	-5
	1					Carbon steel (SF45)	1
	2					316SS	2
	3					Monel	3
	5					Rigid PVC (Vinyl chloride)	5
		2				316SS (Diaphragm : 316L SS)	2
		3				Monel	3
		4				Tantalum	4
		8				316L SS	8
			2			316SS (Diaphragm : 316L SS)	2
			3			Monel	3
			4			Tantalum	4
			8			316L SS	8
				E		Explosion proof housing	E
				H		Intrinsic safety housing	H
					-5	High elevation	-5
					-6	High suppression	-6
					-12	Integral orifice assembly	-12
					-A	With 1 packing cable adapter	-A
					-B	With 2 packing cable adapter	-B
					-L	Built-in induction lightning arrester	-L
					-M	Built-in ammeter	-M
Y-Spec							
	Y211					Oil free	Y211
	Y21N					For Chlorine service	Y21N
	Y29G					With Steam block	Y29G
	Y66G					304SS body bolt	Y66G
	Y66H					304SS body bolt	Y66H
	Y138A					Acrylic baked Corrosion resistant paint	Y138A
	Y138B					Epoxy baked Corrosion proof paint	Y138B
	Y138C					Acrylic baked Silver paint	Y138C
	Y138D					Epoxy baked Silver paint	Y138D
	Y169A					High damping adjustment	Y169A
	Y170A					10-50mADC output	Y170A
	Y171A					Rear process connecting type	Y171A

**C) DSTJ 8000 series : Silicon semiconductor type analog transmitter (Released 1978)**

Model number table

Basic No.	Product name		Measuring range			Working pressure		GTX		
KDI51	Flange type, pipe gas sealing		0 2,500 to 0 25,000mmH2O			Up to flange rating		GTX60F		
KDI52	Flange type, pipe gas sealing		0 650 to 0 6,500mmH2O			Up to flange rating		GTX35F		
KDI53	Flange type, pipe gas sealing		0 500 to 0 2,600mmH2O			Up to flange rating		GTX35F		
KDI61	Flange type, pipe liquid sealing		0 2,500 to 0 25,000mmH2O			Up to flange rating		GTX60F		
KDI62	Flange type, pipe liquid sealing		0 650 to 0 6,500mmH2O			Up to flange rating		GTX35F		
KDI63	Flange type, pipe liquid sealing		0 500 to 0 2,600mmH2O			Up to flange rating		GTX35F		
	Cover material		Wetted material		Flange rating	Housing	Length of	Option	Description	
	HP	LP	HP	LP						
	-1								Carbon steel (SF45)	-1
	-2								316SS	-2
		1							Carbon steel (SF45)	1
		2							316SS	2
		3							Monel	3
		5							Rigid PVC (Vinly chloride)	5
			2						316SS (Diaphragm : 316L SS)	2
			3						Monel	3
			4						Tantalum	4
			8						316L SS	8
				2					316SS (Diaphragm : 316L SS)	2
				3					Monel	3
				4					Tantalum	4
				8					316L SS	8
					1				Flush type 80mm JIS 10K (RF)	1
					2				Flush type 80mm JIS 30K (RF)	2
					3				Flush type 3" ANSI 150 (RF)	3
					4				Flush type 3" ANSI 300 (RF)	4
					5				Extended type 100mm JIS10K(RF)	5
					6				Extended type 100mm JIS30K(RF)	6
					7				Extended type 4" ANSI 150 (RF)	7
					8				Extended type 4" ANSI 300 (RF)	8
						E			Explosion proof housing	E
						H			Intrinsic Safety housing	H
							10		100mm	10
							15		150mm	15
								-5	High elevation	-5
								-6	High suppression	-6
								-A	With 1 packing cable adapter	-A
								-B	With 2 packing cable adapter	-B
								-L	Built-in induction lightning arrester	-L
								-M	Built-in ammeter	-M
								Y-Spec		
								Y21J	Oil free	Y21J
								Y21O	For chlorine service	Y21O
								Y66G	304SS body bolt	Y66G
								Y138A	Acrylic baked Corrosion resistant paint	Y138A
								Y138B	Epoxy baked Corrosion proof paint	Y138B
								Y138C	Acrylic baked Silver paint	Y138C
								Y138D	Epoxy baked Silver paint	Y138D
								Y169A	High damping adjustment	Y169A
								Y170A	10-50mADC output	Y170A

**C) DTSJ 8000 series : Silicon semiconductor type analog transmitter (Released 1978)**

Model number table

Basic No.	Product name				Measuring range			Working pressure	GTX		
KDI71	Remote-sealed High differential pressure				0 2,500 to 0 25,000mmH2O			Up to flange rating	GTX40R		
KDI72	Remote-sealed Middle differential pressure				0 650 to 0 6,500mmH2O			Up to flange rating	GTX35R		
KDI73	Remote-sealed Low differential pressure				0 500 to 0 2,600mmH2O			Up to flange rating	GTX35R		
	Cover material		Wetter material		Flange rating	Housing	Capillary length	Lebghth of	Option	Description	
	HP	LP	HP	LP							
	-1									Carbon steel (SF45)	-1
	-2									316SS	-2
		1								Carbon steel (SF45)	1
		2								316SS	2
			2							316SS (Diaphragm : 316L SS)	2
			3							Monel	3
			4							Tantalum	4
			8							316L SS	8
				2						316SS (Diaphragm : 316L SS)	2
				3						Monel	3
				4						Tantalum	4
				8						316L SS	8
					1					Flush type 80mm JIS 10K(RF)	1
					2					Flush type 80mm JIS 30K(RF)	2
					3					Flush type 3" ANSI 150 (RF)	3
					4					Flush type 3" ANSI 300 (RF)	4
					5					Extended type 100mm JIS10K (RF)	5
					6					Extended type 100mm JIS30K (RF)	6
					7					Extended type 4" ANSI150 (RF)	7
					8					Extended type 4" ANSI 300(RF)	8
						E				Explosion proof housing	E
						H				Intrinsic safety housing	H
							02			2m	02
							03			3m	03
							05			5m	05
								10		100mm	10
								15		150mm	15
									-5	High elevation	-5
									-6	High suppression	-6
									-A	With 1 packing cable adapter	-A
									-B	With 2 packing cable adapter	-B
									-L	Built-in induction lightning arreser	-L
									-M	Built-in ammeter	-M
									Y-Spec		
									Y21K	Oil free	Y21K
									Y21P	For chlorine service	Y21P
									Y621	High temperature use	Y621
									Y138A	Acrylic baked Corrosion resistant paint	Y138A
									Y138B	Epoxy baked Corrosion proof paint	Y138B
									Y138C	Acrylic baked Silver paint	Y138C
									Y138D	Epoxy baked Silver paint	Y138D
									Y169A	High damping adjustment	Y169A

**C) DSTJ 8000 series : Silicon semiconductor type analog transmitter (Released 1978)**

Model number table

Basic No.	Product name	Measuring range	Working pressure	GTX
KKI11	Standard type High pressure range	0 70 to 0 700kg/cm <sup>2</sup>	-1 to 700kg/cm <sup>2</sup> G	---
KKI12	Standard type High pressure range	0 28 to 0 280kg/cm <sup>2</sup>	-1 to 280kg/cm <sup>2</sup> G	GTX82G
KKI13	Standard type Middle pressure range	0 10.5 to 0 105kg/cm <sup>2</sup>	-1 to 105kg/cm <sup>2</sup> G	GTX71G
KKI14	Standard type Middle pressure range	0 4.2 to 0 42kg/cm <sup>2</sup>	-1 to 42kg/cm <sup>2</sup> G	GTX71G
KKI15	Standard type Low pressure range	0 1.8 to 0 18kg/cm <sup>2</sup>	-1 to 18kg/cm <sup>2</sup> G	GTX60G
KKI16	Standard type Low pressure range	0 0.6 to 0 6kg/cm <sup>2</sup>	-1 to 6kg/cm <sup>2</sup> G	GTX60G
KKI26	Absolute pressure range	0 0.6 to 0 6kg/cm <sup>2</sup> abs.	-1 to 6kg/cm <sup>2</sup> G abs.	GTX60A
KKI28	Absolute pressure range	0 40mmHg abs. to 0 0.65kg/cm <sup>2</sup> abs.	20mmHg abs. to 0.65kgf/cm <sup>2</sup> abs.	GTX30A

Cover material	Wetted material	Housing	Option	Description	
-1				Carbon steel (SF45)	-1
-2				SUS316	-2
	2			SUS316	2
	3			Monel	3
	4			Tantalum	4
	8			316L SS	8
		E		Explosion proof housing	E
		H		Intrinsic safety housing	H
			-X	No option	-X
			-5	High elevation	-5
			-A	With 1 cable packing adapter	-A
			-B	With 2 cable packing adapter	-B
			-L	Built-in induction lightning arrester	-L
			-M	Built-in ammeter	-M
			Y-Spec		
			Y21L	Oil free	Y21L
			Y21Q	For chlorine service	Y21Q
			Y661	304SS body bolts	Y661
			Y138A	Acrylic baked Corrosion resistant paint	Y138A
			Y138B	Epoxy baked Corrosion proof paint	Y138B
			Y138C	Acrylic baked Silver paint	Y138C
			Y138D	Epoxy baked Silver paint	Y138D
			Y169A	High damping adjustment	Y169A
			Y170A	10-50mA DC Output	Y170A

**C) DSTJ 8000 series : Silicon semiconductor type analog transmitter (Released 1978)**

Model number table

Basic No.	Product name				Measuring range		Working pressure		GTx
KKI71	Remote-sealed High pressure				0 7 to 0 700kg/cm2G		-1 to +700kg/cm2		---
KKI72	Remote-sealed High pressure				0 28 to 0 280kg/cm2G		-1 to +280kg/cm2		GTX82U
KKI73	Remote-sealed Middle pressure				0 10.5 to 0 105kg/cm2G		-1 to +105kg/cm2		GTX82U
KKI74	Remote-sealed Middle pressure				0 4.2 to 0 42kg/cm2G		-1 to +42kg/cm2		GTX82U
KKI75	Remote-sealed Low pressure				0 1.8 to 0 18kg/cm2G		-1 to +18kg/cm2		GTX60U
KKI76	Remote-sealed Low pressure				0 0.6 to 0 6kg/cm2G		-1 to +6kg/cm2		GTX60U

Cover material	Wetted material	Flange rating	Housing	Capillary length	Extended length	Option	Description	
-1							Carbon steel (SF45)	-1
-2							304SS	-2
	2						316 SS	2
	3						Monel	3
	4						Tantalum	4
	8						316L SS	8
		01					Flush type 80mm JIS 10K (RF)	01
		02					Flush type 80mm JIS 30K (RF)	02
		03					Flush type 3" ANSI 150 (RF)	03
		04					Flush type 3" ANSI 300 (RF)	04
		05					Extended type 100mm JIS 10K (RF)	05
		06					Extended type 100mm JIS 30K (RF)	06
		07					Extended type 4" ANSI 150 (RF)	07
		08					Extended type 4" ANSI 300 (RF)	08
		09					2" ANSI 1500 (RF)	09
		11					PF1/2 male (Bottom diaphragm)	11
			E				Explosion proof housing	E
			H				Intrinsic safety housing	H
				02			2m	02
				03			3m	03
				05			5m	05
					10		100mm	10
					15		150mm	15
						-5	High elevation	-5
						-A	With 1 packing cable adapter	-A
						-B	With 2 packing cable adapter	-B
						-L	Built-in induction lightning arrester	-L
						-M	Built-in ammeter	-M
							Y-Spec	
						Y21M	Oil free	Y21M
						Y21R	For Chlorine service	Y21R
						Y621	High temperature use	Y621
						Y138A	Acrylic baked Corrosion resistant paint	Y138A
						Y138B	Epoxy baked corrosion proof paint	Y138B
						Y138C	Acrylic baked Silver paint	Y138C
						Y138D	Epoxy baked Silber paint	Y138D
						Y169A	High damping adjustment	Y169A

**D) DSTJ 3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Product name	Model	Obsolete	Ended parts supply	Replace to
Standard Lowest differential pressure	JTD210	31/Dec./1999	31/Mar./2005	GTX30D
Standard Low differential pressure	JTD215			
Standard Low differential pressure	JTD216			
Standard Medium differential pressure	JTD220			GTX31D
High static pressure Medium differential pressure	JTD221			
Differential pressure as Compound cage	JTD222			
Differential pressure as Compound cage	JTD223			
Standard High differential pressure	JTD230			
Standard High differential pressure	JTD231			
Differential pressure as Compound cage	JTD232			
Differential pressure as Compound cage	JTD233			
Standard High differential pressure	JTD235			
High static pressure High differential pressure	JTD236			
Standard Super-high differential pressure	JTD260			
High static pressure Super-high differential pressure	JTD261			
Flange type differential pressure (Gas sealed type)	JTF215	31/Dec./1999	31/Mar./2005	GTX35F
Flange type differential pressure (Liquid sealed type)	JTF217			
Flange type differential pressure (Compound gauge)	JTF218			
Flange type differential pressure (Gas sealed type)	JTF226			
Flange type differential pressure (Liquid sealed type)	JTF228			
Flange type differential pressure (Compound gauge)	JTF229			
Flange type differential pressure (Gas sealed type)	JTF230			GTX60F
Flange type differential pressure (Liquid sealed type)	JTF232			
Flange type differential pressure (Compound gauge)	JTF233			
Flange type differential pressure (Gas sealed type)	JTF235			
Flange type differential pressure (Liquid sealed type)	JTF237			
Flange type differential pressure (Compound gauge)	JTF238			
Flange type differential pressure (Gas sealed type)	JTF240			
Flange type differential pressure (Liquid sealed type)	JTF242			
Flange type differential pressure (Compound gauge)	JTF243			
Remote-sealed type Low differential pressure type	JTR215	31/Dec./1999	31/Mar./2005	GTX35R
Remote-sealed type Middle differential pressure type	JTR226			
Remote-sealed type Compound gauge type	JTR229			
Remote-sealed type High differential pressure type	JTR230			
Remote-sealed type High differential pressure type	JTR235			
Remote-sealed type Highest differential pressure type	JTR260			
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				---

**D) DSTJ 3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Product name	Model	Obsolete	Ended parts supply	Replace to
Standard Low gauge pressure type	JTG240	31/Dec./1999	31/Mar./2005	GTX60G
Standard Medium gauge pressure type	JTG260			GTX71G
Standard High gauge pressure type	JTG280			GTX82G
Absolute Low pressure type	JTA215	31/Dec./1999	31/Mar./2005	GTX30A
Absolute Medium pressure type	JTA222			GTX60A
Absolute High pressure type	JTA240			
Remote-sealed Low pressure type	JTU240	31/Dec./1999	31/Mar./2005	GTX60U
Remote-sealed Medium pressure type	JTU260			GTX82U
Remote-sealed High pressure type	JTU280			



**D) 3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**
**Measuring range & working pressure (Pressure limit)**

S200	Measuring range	Pressure limit	GTX	Measuring range	Pressure limit
JTD210	0~10 to 0~1,250mmH <sub>2</sub> O	-0.7 ~ +0.70kgf/cm <sup>2</sup> G	GTX30D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 35kgf/cm <sup>2</sup>
JTD215	0~10 to 0~1,250mmH <sub>2</sub> O	35kgf/cm <sup>2</sup> max.			
JTD216	0~10 to 0~1,250mmH <sub>2</sub> O	420kgf/cm <sup>2</sup> max.	GTX32D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD220	0~25 to 0~10,160mmH <sub>2</sub> O	140kgf/cm <sup>2</sup> max.	GTX31D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD221	0~25 to 0~10,160mmH <sub>2</sub> O	420kgf/cm <sup>2</sup> max.	GTX32D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD222	0~25 to 0~10,160mmH <sub>2</sub> O	140kgf/cm <sup>2</sup> max.	GTX31D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD223	0~25 to 0~10,160mmH <sub>2</sub> O	420kgf/cm <sup>2</sup> max.	GTX32D	-10,160 ~ 10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD230	0~0.35 to 0~7kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX41D	-1 ~ +7kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD231	0~0.35 to 0~7kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX42D	-1 ~ +7kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD232	0~0.35 to 0~7kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX41D	-1 ~ +7kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD233	0~0.35 to 0~7kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX42D	-1 ~ +7kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD235	0~0.35 to 0~14kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX71D	-1 ~ +140kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD236	0~0.35 to 0~14kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX72D	-1 ~ +140kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD260	0~0.7 to 0~140kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX71D	-1 ~ +140kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD261	0~0.7 to 0~140kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX72D	-1 ~ +140kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTF215	0~75 to 0~1,250mmH <sub>2</sub> O	Up to flange rating	GTX35F	-10,160 ~ 10,160mmH <sub>2</sub> O	Up to flange rating
JTF217	0~75 to 0~1,250mmH <sub>2</sub> O	Up to flange rating			
JTF218	0~75 to 0~1,250mmH <sub>2</sub> O	Up to flange rating			
JTF226	0~250 to 0~10,160mmH <sub>2</sub> O	Up to flange rating			
JTF228	0~250 to 0~10,160mmH <sub>2</sub> O	Up to flange rating			
JTF229	0~250 to 0~10,160mmH <sub>2</sub> O	Up to flange rating			
JTF230	0~0.35 to 0~7kgf/cm <sup>2</sup>	Up to flange rating	GTX60F	-1 ~ +35kgf/cm <sup>2</sup>	Up to flange rating
JTF232	0~0.35 to 0~7kgf/cm <sup>2</sup>	Up to flange rating			
JTF233	0~0.35 to 0~7kgf/cm <sup>2</sup>	Up to flange rating			
JTF235	0~0.35 to 0~14kgf/cm <sup>2</sup>	Up to flange rating			
JTF237	0~0.35 to 0~14kgf/cm <sup>2</sup>	Up to flange rating			
JTF238	0~0.35 to 0~14kgf/cm <sup>2</sup>	Up to flange rating			
JTF240	0~0.35 to 0~35kgf/cm <sup>2</sup>	Up to flange rating			
JTF242	0~0.35 to 0~35kgf/cm <sup>2</sup>	Up to flange rating			
JTF243	0~0.35 to 0~35kgf/cm <sup>2</sup>	Up to flange rating			
JTR215	0~75 to 0~1,250mmH <sub>2</sub> O	Up to flange rating	GTX35R	-10,160 ~ 10,160mmH <sub>2</sub> O	Up to flange rating
JTR226	0~250 to 0~10,160mmH <sub>2</sub> O	Up to flange rating			
JTR229	0~250 to 0~10,160mmH <sub>2</sub> O	Up to flange rating			
JTR230	0~0.35 to 0~7kgf/cm <sup>2</sup>	Up to flange rating	GTX40R	-1 ~ +7kgf/cm <sup>2</sup>	Up to flange rating
JTR235	0~0.35 to 0~14kgf/cm <sup>2</sup>	Up to flange rating	---		
JTR260	0~0.7 to 0~140kgf/cm <sup>2</sup>	Up to flange rating	---		

**D) 3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

**Measuring range & working pressure (Pressure limit)**

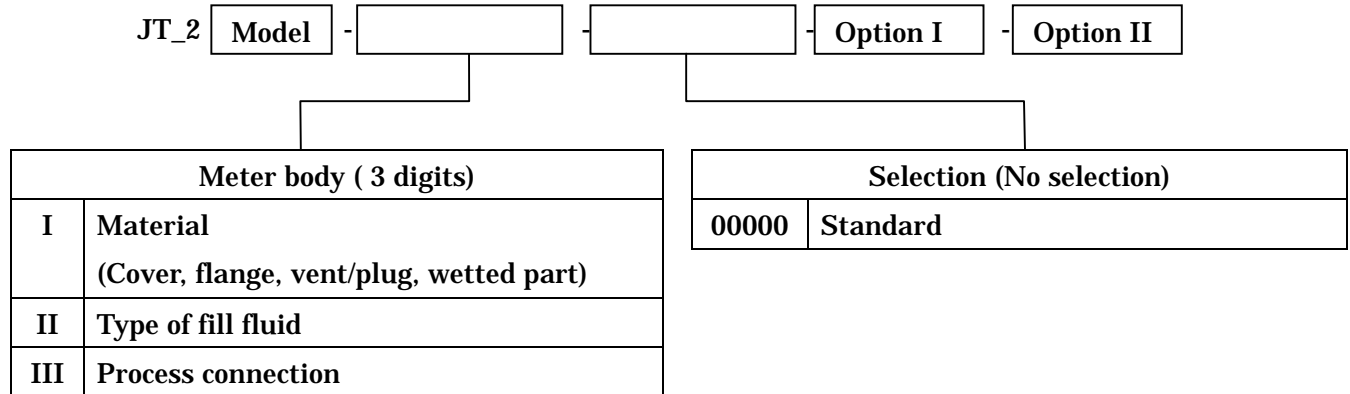
S200	Measuring range	Pressure limit	GTX	Measuring range	Pressure limit
JTG240	0~0.35 to 0~35kgf/cm <sup>2</sup>	35kgf/cm <sup>2</sup> max.	GTX60G	-1 ~ +35kgf/cm <sup>2</sup>	15mmHg abs. ~ +35kgf/cm <sup>2</sup>
JTG260	0~7 to 0~140kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX71G	-1 ~ +140kgf/cm <sup>2</sup>	15mmHg abs. ~ +140kgf/cm <sup>2</sup>
JTG280	0~7 to 0~420kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX82G	-1 ~ +420kgf/cm <sup>2</sup>	15mmHg abs. ~ +420kgf/cm <sup>2</sup>
JTA215	0~10 to 0~100mmHg abs.	0.1 ~ 100mmHg abs.	GTX30A	0 ~ 780mmHg abs.	0.1 ~ 780mmHg abs.
JTA222	0~10 to 0~780mmHg abs.	0.1 ~ 780mmHg abs.			
JTA240	0~0.35 to 0~35kgf/cm <sup>2</sup> abs.	0.1mmHg abs. ~ 35kgf/cm <sup>2</sup> abs.	GTX60A	0 ~ 35kgf/cm <sup>2</sup> abs.	0.01mmHg abs. ~ 35kgf/cm <sup>2</sup> abs.
JTU240	0~0.35 to 0~35kgf/cm <sup>2</sup>	Up to flange rating	GTX60U	-1 ~ +35kgf/cm <sup>2</sup>	Up to flange rating
JTU260	0~7 to 0~140kgf/cm <sup>2</sup>	Up to flange rating	GTX82U	-1 ~ +420kgf/cm <sup>2</sup>	Up to flange rating
JTU280	0~7 to 0~420kgf/cm <sup>2</sup>	Up to Flange rating			



**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

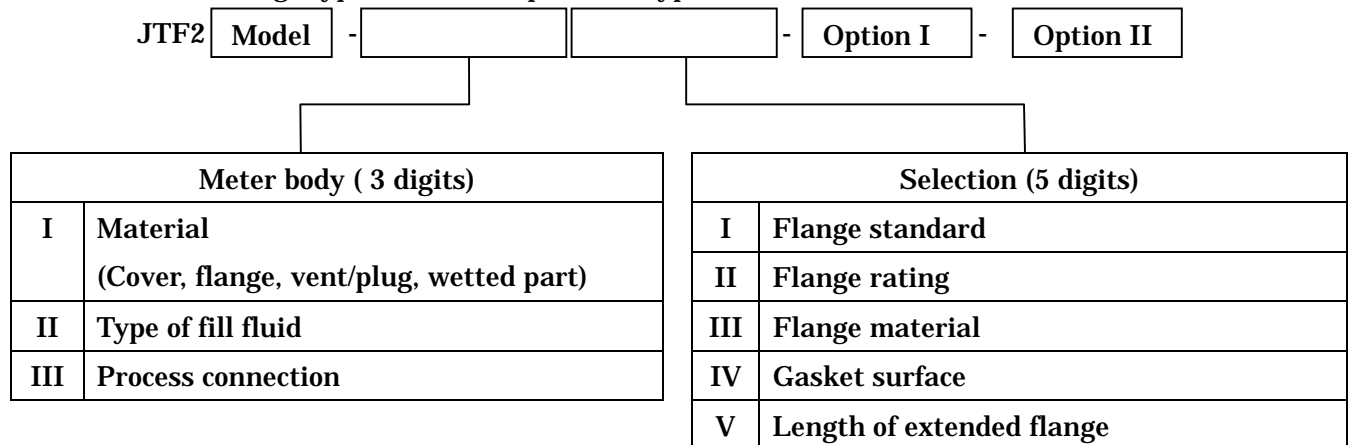
**Model number composition**

- JTD2 : Standard type differential pressure type
- JTG2 : Pressure gauge type
- JTA2 : Absolute pressure type



- ◆ When TOKUMI was issued, “Z” was accompanied such as JTD220Z-X1L-00000-LM-A2.
- ◆ Finally, although most semi-standard-option and TOKUMI item were converted to model number, it corresponded on “Z” or “SH code” at the beginning of sales.
  - It is unknown whether “SH code” accompanies from the Model number.

- JTF2 : Flange type differential pressure type

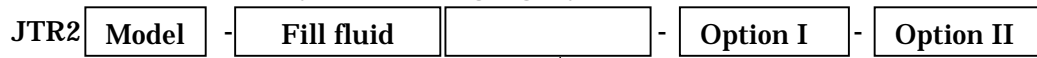


- ◆ When TOKUMI was issued, “Z” was accompanied such as JTF230Z-E1QAA2X00-LM-A2.
- ◆ Finally, although most semi-standard-option and TOKUMI item were converted to model number, it corresponded on “Z” or “SH code” at the beginning of sales.
  - It is unknown whether “SH code” accompanies from the Model number.

**DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

**Model number composition**

- JTR2 : Remote-sealed type differential pressure type
- JTU2 : Remote-sealed type pressure gauge type



Selection (7 digits)	
I	Flange standard
II	Flange rating
III	Flange material
IV	Wetted parts material
V	Gasket surface
VI	Length of extended flange
VII	Capillary length

- ◆ When TOKUMI was issued, “Z” was accompanied such as JTR230Z-1AAX2J004-LM1-A2.
- ◆ Finally, although most semi-standard-option and TOKUMI item were converted to model number, it corresponded on “Z” or “SH code” at the beginning of sales.
  - It is unknown whether “SH code” accompanies from the Model number.

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

Basic No.	Product name	Measuring range	Working pressure	GTX
JTD210	Standard Lowest Differential pressure	0 10 to 0 1,250mmH2O	0.7kgf/cm2 Max.	GTX15D
JTD215	Standard Low Differential pressure	0 10 to 0 1,250mmH2O	35kgf/cm2 Max.	GTX30D
JTD216	High static pressure Low Differential pressure	0 10 to 0 1,250mmH2O	420kgf/cm2 Max.	GTX32D
JTD220	Standard Medium Differential pressure	0 25 to 0 10,160mmH2O	140kgf/cm2 Max.	GTX31D
JTD221	High static pressure Medium Differential pressure	0 25 to 0 10,160mmH2O	420kgf/cm2 Max.	GTX32D
JTD222	Compound gauge type of JTD220	0 25 to 0 10,160mmH2O	140kgf/cm2 Max.	GTX31D
JTD223	Compound gauge type of JTD221	0 25 to 0 10,160mmH2O	420kgf/cm2 Max.	GTX32D
JTD230	Standard High differential pressure	0 0.35 to 0 7kgf/cm2	140kgf/cm2 Max.	GTX41D
JTD231	Standard High differential pressure	0 0.35 to 0 7kgf/cm2	420kgf/cm2 Max.	GTX42D
JTD232	Compound gauge type of JTD230	0 0.35 to 0 7kgf/cm2	140kgf/cm2 Max.	GTX41D
JTD233	Compound gauge type of JTD231	0 0.35 to 0 7kgf/cm2	420kgf/cm2 Max.	GTX42D
JTD235	Standard High differential pressure	0 0.35 to 0 14kgf/cm2	140kgf/cm2 Max.	GTX71D
JTD236	High static pressure High differential pressure	0 0.35 to 0 14kgf/cm2	420kgf/cm2 Max.	GTX72D
JTD260	Standard Super-high differential pressure	0 0.35 to 0 140kgf/cm2	140kgf/cm2 Max.	GTX71D
JTD261	High static pressure Super-high differential pressure	0 0.35 to 0 140kgf/cm2	420kgf/cm2 Max.	GTX72D

Meter body			Selection	Options		Description			
Material	Fill fluid	Process connectio		Option I	Option II	Cover/flange	Vent/Plug	Wetted parts	
-A						Carbon steel (SF45)	SUS316	SUS316	-A
-B						Carbon steel (SF45)	SUS316	Hastelloy C	-B
-C					Monel			-C	
-D					Tantalum			-D	
-E					SUS316			-E	
-F					SUSF316	SUS316	Hastelloy C	-F	
-G					SUSF316	SUS316	Monel	-G	
-H							Tantalum	-H	
-J							Hastelloy C	Hastelloy C	Hastelloy C
-K					Hastelloy C	Hastelloy C	Tantalum	-K	
-L							Monel	Monel	Monel
-M					PVC	PVC	Hastelloy C	-M	
-N							Monel	Monel	Monel
-P					PVC	PVC	Tantalum	-P	
-Q							Tantalum	Tantalum	Tantalum
-R					SUSF316	SUS316	Nickel	-R	
-S					Alloy 20	Alloy 20	Monel	-S	
-T					titanium	Titanium	Tantalum	-T	
-U					SUSF316	SUS316	SUS316L	-U	
-W							SUS316L	SUS316L	-W
-9					SF45 Ni coat	SUS316	SUS316	-9	
-X					Other than those above			-X	
	1				Regular type (Silicon oil)			1	
	2				For oxygen service (Fluorine oil)			2	
	4				For vacuum service (Silicon oil)			4	
	5				For chlorine service (Fluorine oil)			5	
	9				Ethylene glycol			9	
	X				Other than those above			X	
		L			Rc1/2 (PT1/2 Femail)			L	
		G			1/2NPT Femail			G	
		D			Rc1/4 (PT1/4 Femail)			D	
		A			1/4 NPT Femail			A	
		Q			Rc1/2 (PT1/2 Femail)			Q	
		R			1/2NPT Femail			R	
		S			Rc1/4 (PT1/4 Femail)			S	
		T			1/4 NPT Femail			T	
		X			Other than those above			X	
			-00000		Standard			-00000	

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

Basic No.	Product name			Measuring range				Working pressure		GTX
JTF215	Impulse line : Gas sealed for Open/Closed tank flange type DP			0 75 to 0 1,250mmH2O				Up to flange rating		GTX35F
JTF217	Impulse line : Liquid sealed for Open tank flange type DP			0 75 to 0 1,250mmH2O				Up to flange rating		GTX35F
JTF218	Compound gauge Flange type differential pressure type			0 75 to 0 1,250mmH2O				Up to flange rating		GTX35F
JTF226	Impulse line : Gas sealed for Open/Closed tank flange type DP			0 250 to 0 10,160mmH2O				Up to flange rating		GTX35F
JTF228	Impulse line : Liquid sealed for Open tank flange type DP			0 250 to 0 10,160mmH2O				Up to flange rating		GTX35F
JTF229	Compound gauge Flange type differential pressure type			0 250 to 0 10,160mmH2O				Up to flange rating		GTX35F
JTF230	Impulse line : Gas sealed for Open/Closed tank flange type DP			0 0.35 to 0 7kgf/cm2				Up to flange rating		GTX60F
JTF232	Impulse line : Liquid sealed for Open tank flange type DP			0 0.35 to 0 7kgf/cm2				Up to flange rating		GTX60F
JTF233	Compound gauge Flange type differential pressure type			0 0.35 to 0 7kgf/cm2				Up to flange rating		GTX60F
JTF235	Impulse line : Gas sealed for Open/Closed tank flange type DP			0 0.35 to 0 14kgf/cm2				Up to flange rating		GTX60F
JTF237	Impulse line : Liquid sealed for Open tank flange type DP			0 0.35 to 0 14kgf/cm2				Up to flange rating		GTX60F
JTF238	Compound gauge Flange type differential pressure type			0 0.35 to 0 14kgf/cm2				Up to flange rating		GTX60F
JTF240	Impulse line : Gas sealed for Open/Closed tank flange type DP			0 0.35 to 0 35kgf/cm2				Up to flange rating		GTX60F
JTF242	Impulse line : Liquid sealed for Open tank flange type DP			0 0.35 to 0 35kgf/cm2				Up to flange rating		GTX60F
JTF243	Compound gauge Flange type differential pressure type			0 0.35 to 0 35kgf/cm2				Up to flange rating		GTX60F

Meter body			Selection					Options		Description				
Material	Fill fluid	Process connectio	Flange standard	Flange rating	Flange material	Gasket surface	Length of extended	Option I	Option II	Reference cover	Vent/ Drain	Flange wetted	Reference wetted	
-A										SF45		SUS316	SUS316	-A
-B												Hastelloy C		-B
-C												Monel		-C
-D												Tantalum		-D
-E												SUS316L		-E
-F										SUSF316	SUS316	Hastelloy C	SUS316	-F
-G												Monel		-G
-H												Tantalum		-H
-J										Hastelloy C	Hastelloy C	Hastelloy C	Hastelloy C	-J
-K												Tantalum	SUS316	-K
-L										Monel	Monel	Monel	SUS316	-L
-M												Hastelloy C		-M
-N										PVC	PVC	Monel	SUS316	-N
-P												Tantalum		-P
-Q										Tantalum	Tantalum	Tantalum	Tantalum	-Q
-R										SUSF316	SUS316	Nickel	SUS316	-R
-S										Alloy 20	Alloy 20	Monel	SUS316	-S
-T										Titanium	Titanium	Tantalum	SUS316	-T
-U										SUSF316	SUS316	SUS316L	SUS316	-U
-W										SUSF316L	SUS316L	SUS316L	SUS316	-W
-1												SUS316L	SUS316	-1
-2										SF45	SUS316L	Hastelloy C	Hastelloy C	-2
-3												Tantalum	Tantalum	-3
-4												SUS316L	SUS316L	-4
-5										SUSF316L	SUS316L	Hastelloy C	Hastelloy C	-5
-6												Tantalum	Tantalum	-6
-7										PVC	PVC	Tantalum	Tantalum	-7
-9										SF Ni coat	SUS316	SUS316	SUS316	-9
-X										Other than those above				-X
1										Regular type (Silicone oil)				1
2										For Oxygen service (Fluorine oil)				2
4										For vacuum service (Silicone oil)				4
5										For chlorine service (Fluorine oil)				5
6										For Sanitary service (Silicone oil)				6
9										Ethylene glycol				9
X										Other than those above				X
Q										Rc1/2 (PT1/2 female)				Q
R										1/2 NPT female				R
S										Rc1/4 (PT1/4 female)				S
T										1/4 NPT female				T
H										Hole for open to air				H
L										Rc1/2 side connection				L
X										Other than those above				X

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

JTF2	Meter body			Selection				Options		Description		
	Material	Fill fluid	Process connectio	Flange standard	Flange rating	Flange material	Gasket surface	Length of extended	Option I			Option II
				A							ANSI	A
				J							JIS	J
				P							JPI	P
				D							DIN	D
				B							BS	B
				F							IDF Clamp	F
				X							Other than those above	X
				A							3B 150/80A 10K/MW80 N D10	A
				B							3B 300/80A 30K/MW80 N D40	B
				C							4B 150/100A 10K/MW100 N D10	C
				D							4B 300/100A 10K/MW100 N D40	D
				E							80A 20K/MW80 N D25	E
				F							3B 600/80A 63K/MW80 N D64	F
				G							3B 150/80A 10K/MW80 N D10	G
				Q							100A 20K/MW100 N D25	Q
				R							4B 600/100A 63K/MW100 N D64	R
				T							Standard type 3S clamp connection	T
				Y							Standard type 4S clamp connection	Y
				U							Extended type 4S clamp connection size 88mm	U
				4							Extended type 4S clamp connection size 101.6mm	4
				X							Other than those above	X
					1						Carbon steel (SF45)	1
					7						SUS304	7
					2						SUS316	2
					8						SUS316L	8
					X						Other than those above	X
						J					Standard	J
						A					Serration	A
						S					Smooth 125 AARH	S
						B					JIS Ra3.2	B
						X					Other than those above	X
							00				Standard type	00
							05				Extended 50mm 95	05
							10				Extended 100mm 95	10
							15				Extended 150mm 95	15
							20				Extended 200mm 95	20
							25				Extended 250mm 95	25
							30				Extended 300mm 95	30
							35				Extended 350mm 95	35
							40				Extended 400mm 95	40
							45				Extended 450mm 95	45
							06				Extended 50mm 90	06
							11				Extended 100mm 90	11
							16				Extended 150mm 90	16
							21				Extended 200mm 90	21
							26				Extended 250mm 90	26
							31				Extended 300mm 90	31
							36				Extended 350mm 90	36
							41				Extended 400mm 90	41
							46				Extended 450mm 90	46

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

Basic No.	Product name		Measuring range			Working pressure		GTx	
JTR215	Remote-sealed Low differential pressure type		0 75 to 0 1,250mmH2O			Up to flange rating		GTx35R	
JTR226	Remote-sealed Middle differential pressure type		0 250 to 0 10,160mmH2O			Up to flange rating		GTx35R	
JTR229	Remote-sealed type compound gauge type		0 250 to 0 10,160mmH2O			Up to flange rating		GTx35R	
JTR230	Remote-sealed High differential pressure type		0 0.35 to 0 7kgf/cm2			Up to flange rating		GTx40R	
JTR235	Remote-sealed High differential pressure type		0 0.35 to 0 14kgf/cm2			Up to flange rating		---	
JTR260	Remote-sealed Highest differential pressure type		0 0.35 to 0 140kgf/cm2			Up to flange rating		---	

Fill fluid	Flange selection				Options		Description				
	Standard	Rating	Material		Gasket surface	Length of			Capillary length	Option I	Option II
			Flange	Wetted parts							
-1									Regular type (Silicon oil)	-1	
-2									For oxygen service (Fluorine oil)	-2	
-3									For high temperature service (Silicon oil)	-3	
-4									For high-temp./vacuum service (Silicon oil)	-4	
-5									For chlorine service (Fluorine oil)	-5	
-6									For sanitary service (Silicon oil)	-6	
-7									For high-temp./high-vacuum service	-7	
-9									Ethylene glycol	-9	
-X									Other than those above	-X	
	A								ANSI	A	
	J								JIS	J	
	P								JPI	P	
	D								DIN	D	
	B								BS	B	
	R								ANSI steam jacket (1/4NPT)	R	
	S								JIS steam jacket (Rc1/4)	S	
	T								JPI steam jacket (Rc1/4)	T	
	U								JPI steam jacket (1/4NPT)	U	
	E								DIN steam jacket (1/4NPT)	E	
	W								BS steam jacket (1/4NPT)	W	
	F								IDF clamp	F	
	X								Other than those above	X	
		A							3B 150/80A 10K/MW80 N D10	A	
		B							3B 300/80A 30K/MW80 N D40	B	
		C							4B 150/100A 10K/MW100 N D10	C	
		D							4B 300/100A 30K/MW100 N D40	D	
		E							80A 20K/ MW80 N D25	E	
		F							3B 600/80A 63K/MW80 N D64	F	
		G							3B 1500 RTJ	G	
		H							3B 2500 RTJ/ MW50 N D250L	H	
		J							2B 150/ 50A 10K/ MW50 N D10	J	
		K							50A 20K/ MW50 N D25	K	
		L							2B 300/ 50A 30K/ MW50 N D40	L	
		M							2B 600/ 50A 63K/ MW50 N D64	M	
		N							2B 1500 RTJ	N	
		P							3B 2500 RTJ/ MW80 N D250L	P	
		Q							100A 20K/ MW100 N D25	Q	
		R							4B 600/ 100A 63K/ MW100 N D64	R	
		T							Standard type 3S clamp connection	T	
		Y							Standard type 4S clamp connection	Y	
		U							Extended 4S clamp connection size 88mm	U	
		1							Standard (10K-80A/150-3B) & Extended (10K-100A/150-4B)	1	
		2							Standard(20K-80A) & Extended(20K-100A)	2	
		3							Standard(30K-80A/3000-3B) & Extended(30K-100A/300-4B)	3	
		4							Extended 4S clamp connection size 101.6mm	4	
		X							Other than those above	X	
		1							Carbon steel	1	
		7							SUS304	7	
		2							SUS316	2	
		8							SUS316L	8	
		X							Other than those above	X	
		2							SUS316 (Diaphragm : SUS316L)	2	
		3							Monel	3	
		4							Tantalum	4	
		9							Hastelloy C	9	
		8							SUS316L	8	
		T							Titanium	T	
		N							Nickel	N	
		X							Other than those above	X	

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

JTR2	Fill fluid	Flange selection				Gasket surface	Length of extended	Capillary length	Options		Description	
		Standard	Rating	Material					Option I	Option II		
				Flange	Wetted parts							
										Standard	J	
										Serration	A	
										Smooth 125 AARH	S	
										JIS Ra 3.2	B	
										Ring type joint/Lense ring	R	
										Other than those above	X	
										Standard	00	
										Extended 50mm 95	05	
										Extended 100mm 95	10	
										Extended 150mm 95	15	
										Extended 200mm 95	20	
										Extended 250mm 95	25	
										Extended 300mm 95	30	
										Extended 350mm 95	35	
										Extended 400mm 95	40	
										Extended 450mm 95	45	
										Extended 500mm 95	50	
										Extended 550mm 95	55	
										Extended 50mm 90	06	
										Extended 100mm 90	11	
										Extended 150mm 90	16	
										Extended 200mm 90	21	
										Extended 250mm 90	26	
										Extended 300mm 90	31	
										Extended 350mm 90	36	
										Extended 400mm 90	41	
										Extended 450mm 90	46	
										Extended 500mm 90	51	
										Extended 550mm 90	56	
										Other than those above	X	
										1m	1	
										2m	2	
										3m	3	
										4m	4	
										5m	5	
										6m	6	
										7m	7	
										8m	8	
										9m	9	
										10m	A	
										1m with Olefin cover	L	
										2m with Olefin cover	B	
										3m with Olefin cover	C	
										4m with Olefin cover	H	
										5m with Olefin cover	D	
										6m with Olefin cover	J	
										7m with Olefin cover	E	
										8m with Olefin cover	F	
										9m with Olefin cover	K	
										10m with Olefin cover	G	
										Other than those above	X	

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

Basic No.	Product name			Measuring range		Pressure limit	GTX
JTG240	Standard Low gauge pressure type			0 0.35 to 0 35kgf/cm2		35kgf/cm2 max.	GTX60G
JTG260	Standard Medium gauge pressure type			0 7 to 0 140kgf/cm2		140kgf/cm2 max.	GTX71G
JTG280	Standard High gauge pressure type			0 7 to 0 420kgf/cm2		420kgf/cm2 max.	GTX82G
	Meter body			Options		Description	
	Material	Fill fluid	Process connectio	Selection	Option I	Option II	
							Cover/flange   Vend/drain   Wetted part
	-A						SUS316   -A
	-B					SF45   SUS316	Hastelloy C   -B
	-C						Monel   -C
	-D						Tantalum   -D
	-E						SUS316   -E
	-F					SUSF316   SUS316	Hastelloy C   -F
	-G						Monel   -G
	-H						Tantalum   -H
	-J					Hastelloy C   Hastelloy C	Hastelloy C   -J
	-K						Tantalum   -K
	-L					Monel   Monel	Monel   -L
	-M					PVC   PVC	Hastelloy C   -M
	-N						Monel   -N
	-P						Tantalum   -P
	-Q					Tantalum   Tantalum	Tantalum   -Q
	-R					SUSF316   SUS316	Nickel   -R
	-S					Alloy 20   Alloy 20	Monel   -S
	-T					Titanium   Titanium	Tantalum   -T
	-U					SUSF316   SUS316	SUS316L   -U
	-W					SUSF316   SUS316L	SUS316L   -W
	-9					SF45 Ni coat   SUS316	SUS316   -9
	-X						Other than those above   -X
		1					Regular type (Silicone oil)   1
		2					For oxygen service (Fluorine oil)   2
		4					For vacuum service (Silicon oil)   4
		5					For chlorine service (Fluorine oil)   5
		9					Ethylene glycol   9
		X					Other than those above   X
			L				Rc 1/2 (PT1/2 female)   Side connection   L
			G				1/2 NPT female   Side connection   G
			D				Rc 1/4 (PT1/4 female)   Side connection   D
			A				1/4 NPT female   Side connection   A
			Q				Rc 1/2 (PT1/2 female)   Top or Bottom connection   Q
			R				1/2 NPT female   Top or Bottom connection   R
			S				Rc 1/4 (PT1/4 female)   Top or Bottom connection   S
			T				1/4 NPT female   Top or Bottom connection   T
			X				Other than those above   X
				00000			Standard   00000

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

Basic No.	Product name	Measuring range	Working pressure	GTX
JTA215	Absolute Low pressure type	0 10 to 0 100mmHg abs.	0.1 to 100mmHg abs.	GTX30A
JTA222	Absolute Medium pressure type	0 30 to 0 780mmHg abs.	0.1 to 780mmHg abs.	GTX30A
JTA240	Absolute High pressure type	0 0.35 to 0 35kgf/cm2 abs.	0.1mmHg abs. to 35kgf/cm2 abs.	GTX60A

Meter body			Selection	Options		Description			
Material	Fill fluid	Process connectio		Option I	Option II	Cover/flange	Vent/Plug	Wetted parts	
-A						Carbon steel (SF45)	SUS316	SUS316	-A
-B								Hastelloy C	-B
-C								Monel	-C
-D								Tantalum	-D
-E								SUS316	-E
-F						SUSF316	SUS316	Hastelloy C	-F
-G								Monel	-G
-H								Tantalum	-H
-J						Hastelloy C	Hastelloy C	Hastelloy C	-J
-K								Tantalum	-K
-L						Monel	Monel	Monel	-L
-M								Hastelloy C	-M
-N						PVC	PVC	Monel	-N
-P								Tantalum	-P
-Q						Tantalum	Tantalum	Tantalum	-Q
-R						SUSF316	SUS316	Nickel	-R
-S						Alloy 20	Alloy 20	Monel	-S
-T						Titanium	Titanium	Tantalum	-T
-U								SUS316	-U
-W						SUSF316		SUS316L	-W
-9								SUS316L	-9
-X						SF45 Ni coat	SUS316	SUS316	-X
						Other than those above			-X
	1					Regular type (Silicone oil)			1
	2					For oxygen service (Fluorine oil)			2
	4					For vacuum service (Silicone oil)			4
	5					For chlorine service (Fluorine oil)			5
	9					Ethylene glycol			9
	X					Other than those above			X
		L				Rc 1/2 (PT1/2 female)	Side connection		L
		G				1/2 NPT female			G
		D				Rc 1/4 (PT1/4 female)			D
		A				1/4 NPT female			A
		Q				Rc 1/2 (PT1/2 female)	Top or Bottom connection		Q
		R				1/2 NPT female			R
		S				Rc 1/4 (PT1/4 female)			S
		T				1/4 NPT female			T
			-00000			Standard			-00000

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

Basic No.	Product name	Measuring range	Working pressure	GTX
JTU240	Remote-sealed Low pressure type	0 0.35 to 0 35kgf/cm <sup>2</sup>	Up to flange rating	GTX60U
JTU260	Remote-sealed Medium pressure type	0 7 to 0 140kgf/cm <sup>2</sup>	Up to flange rating	GTX82U
JTU280	Remote-sealed High pressure type	0 7 to 0 420kgf/cm <sup>2</sup>	Up to flange rating	GTX82U

Fill fluid	Flange selection						Options		Description		
	Standard	Rating	Material		Gasket surface	Length of extended	Capillary length	Option I			Option II
			Flange	Wetted parts							
-1									Regular type (Silicone oil)	-1	
-2									For Oxygen service (Fluorine oil)	-2	
-3									For high temperature service (Silicone oil)	-3	
-4									For high temp./vacuum service (Silicone oil)	-4	
-5									For chlorine service (Fluorine oil)	-5	
-6									For sanitary service (Silicone oil)	-6	
-7									For high temp./high vacuum service (Silicone oil)	-7	
-9									Ethylene glycol	-9	
-X									Other than those above	-X	
	A								ANSI	A	
	J								JIS	J	
	P								JPI	P	
	D								DIN	D	
	B								BS	B	
	R								ANSI steam jacket (1/4NPT)	R	
	S								JIS steam jacket (Rc1/4)	S	
	T								JPI steam jacket (Rc1/4)	T	
	U								JPI steam jacket (1/4 NPT)	U	
	E								DIN steam jacket (1/4NPT)	E	
	W								BS steam jacket (1/4NPT)	W	
	F								IDF clamp	F	
	N								Without flange	N	
	X								Other than those above	X	
		A							3B 150/ 80A 10K/ MW80 N D10	A	
		B							3B 300/ 80A 30K/ MQ80 N D40	B	
		C							4B 150/ 100A 10K / MW100 N D10	C	
		D							4B 300/ 100A 30K/ MW100 N D40	D	
		E							80A 20K/ MW80 N D25	E	
		F							3B 600/ 80A 63K/ MW80 N D64	F	
		G							3B 1500 RTJ	G	
		H							3B 2500 RTJ/ MW80 N D250L	H	
		J							2B 150/ 50A 10K/ MW50 N D10	J	
		K							50A 20K/ MW50 N D25	K	
		L							2B 300/50A 30K/ MW50 N D40	L	
		M							2B 600/ 50A 63K/ MW50 N D64	M	
		N							2B 1500 RTJ	N	
		P							3B 2500 RTJ/ MW50 N D250L	P	
		Q							100A 20K/ MW100 N D25	Q	
		R							4B 600/ 100A 63K/ MW100 N D64	R	
		W							2B Wafer	W	
		S							RF 1-1/2 female	S	
		T							Standard type 3S clamp connection	T	
		Y							Standard type 4S clamp connection	Y	
		U							Extended type 4S clamp connection 88mm	U	
		4							Extended type 4S clamp connection 101.6mm	4	
		X							Other than those above	X	
			1						Carbon steel	1	
			7						SUS304	7	
			2						SUS316	2	
			8						SUS316L	8	
			N						Without flange	N	
			X						Other than those above	X	
				2					SUS316 (Diaphragm : SUS316L)	2	
				3					Monel	3	
				4					Tantalum	4	
				9					Hastelloy C	9	
				8					SUS316L	8	
				T					Titanium	T	
				N					Nickel	N	
				X					Other than those above	X	

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

**Model number table**

JTU2	Flange selection					Options		Description				
	Fill fluid	Standard	Rating	Material		Gasket surface	Length of extended			Capillary length	Option I	Option II
				Flange	Wetted parts							
					J					Standard	J	
					A					Serration	A	
					S					Smooth 125 AARH	S	
					B					JIS Ra 3.2	B	
					R					Ring type joint/Lens ring	R	
					X					Other than the above	X	
						00				Standard	00	
						05				Extended 50mm 95	05	
						10				Extended 100mm 95	10	
						15				Extended 150mm 95	15	
						20				Extended 200mm 95	20	
						25				Extended 250mm 95	25	
						30				Extended 300mm 95	30	
						35				Extended 350mm 95	35	
						40				Extended 400mm 95	40	
						45				Extended 450mm 95	45	
						50				Extended 500mm 95	50	
						55				Extended 550mm 95	55	
						06				Extended 50mm 90	06	
						11				Extended 100mm 90	11	
						16				Extended 150mm 90	16	
						21				Extended 200mm 90	21	
						26				Extended 250mm 90	26	
						31				Extended 300mm 90	31	
						36				Extended 350mm 90	36	
						41				Extended 400mm 90	41	
						46				Extended 450mm 90	46	
						51				Extended 500mm 90	51	
						56				Extended 550mm 90	56	
						X				Other than the above	X	
							1			1m	1	
							2			2m	2	
							3			3m	3	
							4			4m	4	
							5			5m	5	
							6			6m	6	
							7			7m	7	
							8			8m	8	
							9			9m	9	
							A			10m	A	
							L			1m with Olefin cover	L	
							B			2m with Olefin cover	B	
							C			3m with Olefin cover	C	
							H			4m with Olefin cover	H	
							D			5m with Olefin cover	D	
							J			6m with Olefin cover	J	
							E			7m with Olefin cover	E	
							F			8m with Olefin cover	F	
							K			9m with Olefin cover	K	
							G			10m with Olefin cover	G	
							X			Other than the above	X	

**D) DSTJ3000 S200 series : Silicon semiconductor smart transmitter (Released 1983)**

Model number table

Selection	Options		Description	
	Option I	Option II		
	-X		No option	-X
	-L		Built-in lightning arrester	-L
	-M		Built-in analog meter	-M
	-G		Built-on analog meter (actual scale)	-G
	-U		SUS630 bolts and nuts material	-U
	-W		SUS304 bolts and nuts material	-W
	-F		Steam block (with long vent/drain plug)	-F
	-A		Corrosion-resistant finish	-A
	-B		Corrosion-proof finish	-B
	-D		Corrosion-resistant finish, silver paint	-D
	-N		1/2 NPT internal-thread electrical conduit connection	-N
	-C		Specification as compound pressure gauge	-C
	-S		Special calibration	-S
	-K		No oil finish	-K
	-P		1 cable adaptor with flame-proof packing	-P
	-Q		2 cable adaptors with flame-proof packing	-Q
	-T		With Teflon protected film (FEP)	-T
	-H		Diaphragm Au coating	-H
	-E		FEP Teflon coating	-E
	-J		Long vent/drain plug	-J
	-R		Specification for power plant application	-R
	-V		High performance type	-V
	-1		JIS special flame-proof structure	-1
	-2		JIS intrinsic-safety explosion-proof structure	-2
	-3		FM flame-proof structure	-3
	-4		FM intrinsic-safety explosion-proof structure	-4
	-5		PTB intrinsic-safety structure	-5
	-7		Process connection (for Mitsubishi refinery)	-7
	-8		Horizontal process connection	-8
	-9		vertical process connection, right side electrical conduit	-9
	-XX		No option	-XX
	-A1		Adapter flange for corrosion-resistance material	-A1
	-A2		With external zero adjustment	-A2
	-A3		Built-in a resistor for SFN communication	-A3
	-A4		Burn out feature lower limit	-A4
	-A5		Burn out feature (Upper limit)	-A5
	-A6		Without burn out feature	-A6
	-A7		Water free treatment	-A7
	-A8		Scale factor sealed on built-in meter	-A8
	-A9		Analog superposed type	-A9
	-B1		With replacement kit from old type	-B1
	-B2		High accuracy type	-B2
	-B3		Connect with external outer gauge (NWS)	-B3
	-B4		Burn out feature lower limit 3.52mA (-3%)	-B4
	-B5		Analog superposed burnout feature lower limit 3.2mA (-5%)	-B5
	-B6		Burn out feature lower limit 3.2mA (-5%)	-B6
	-B7		Ceramic coating	-B7
	-B8		Countermeasure for sacrificial electrode	-B8
	-B9		Countermeasure for hydrogen permeation	-B9
	-D1		With Digital meter (for DE output)	-D1
	-D2		With Digital meter (for analog/DE output)	-D2
	-D3		With Digital meter (Single function)	-D3
	-D5		DE output	-D5
	-R1		Upper side remote only (Suppression below 1/2)	-R1
	-R2		Upper side remote only (Suppression over 1/2)	-R2
	-R4		Capillary rear connection	-R4
	-S3		With IDF 3S clamp (for sanitary use)	-S3
	-S4		With IDF 4S clamp (for sanitary use)	-S4
	-S5		With 1 silicon rubber gasket (for sanitary use)	-S5
	-U1		SI unit	-U1
	-U2		Non SI unit	-U2
	-U3		SI unit & Non SI unit double indication	-U3

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Product name	Model	Obsolete	Ended parts supply	Replace to
Standard Lowest differential pressure	JTD910	30/Apr./1998	31/Jul./2003	GTX30D
Standard Low differential pressure	JTD915			
High static pressure type Low differential pressure	JTD916			GTX32D
Standard Medium differential pressure	JTD920			GTX31D
High static pressure type Medium differential pressure	JTD921			GTX32D
Compound gauge type of JTD920	JTD922			GTX31D
Compound gauge type of JTD921	JTD923			GTX32D
Standard High differential pressure	JTD930			GTX41D
High static pressure type High differential pressure	JTD931			GTX42D
Compound gauge type of JTD930	JTD932			GTX41D
Compound gauge type of JTD931	JTD933			GTX42D
Standard High differential pressure	JTD935			GTX71D
High static pressure type High differential pressure	JTD936			GTX72D
Standard highest differential pressure	JTD960			GTX71D
High static pressure type Highest differential pressure	JTD961			GTX72D
Small flange type differential pressure (Gas sealed)	JTC915	30/Apr./1998	31/Jul./2003	GTX35F
Small flange type differential pressure (Liquid sealed)	JTC917			
Small flange type differential pressure (Compound G.)	JTC918			
Small flange type differential pressure (Gas sealed)	JTC926			
Small flange type differential pressure (Liquid sealed)	JTC928			
Small flange type differential pressure (Compound G.)	JTC929			
Small flange type differential pressure (Gas sealed)	JTC930			GTX60F
Small flange type differential pressure (Liquid sealed)	JTC932			
Small flange type differential pressure (Compound G.)	JTC933			
Small flange type differential pressure (Gas sealed)	JTC935			
Small flange type differential pressure (Liquid sealed)	JTC937			
Small flange type differential pressure (Compound G.)	JTC938			
Small flange type differential pressure (Gas sealed)	JTC940			
Small flange type differential pressure (Liquid sealed)	JTC942			
Small flange type differential pressure (Compound G.)	JTC943			
Flange type differential pressure (Gas sealed)	JTF915	30/Apr./1998	31/Jul./2003	GTX35F
Flange type differential pressure (Liquid sealed)	JTF917			
Flange type differential pressure (Compound gauge)	JTF918			
Flange type differential pressure (Gas sealed)	JTF926			
Flange type differential pressure (Liquid sealed)	JTF928			
Flange type differential pressure (Compound gauge)	JTF929			

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Product name	Model	Obsolete	Ended parts supply	Replace to
Flange type differential pressure (Gas sealed)	JTF930	30/Apr./1998	31/Jul./2003	GTX60F
Flange type differential pressure (Liquid sealed)	JTF932			
Flange type differential pressure (Compound gauge)	JTF933			
Flange type differential pressure (Gas sealed)	JTF935			
Flange type differential pressure (Liquid sealed)	JTF937			
Flange type differential pressure (Compound gauge)	JTF938			
Flange type differential pressure (Gas sealed)	JTF940			
Flange type differential pressure (Liquid sealed)	JTF942			
Flange type differential pressure (Compound gauge)	JTF943			
Remote-sealed type small flange differential pressure	JTE915	30/Apr./1998	31/Jul./2003	GTX35R
Remote-sealed type small flange differential pressure	JTE926			
Compound gauge type of JTE926	JTE929			
Remote-sealed type small flange differential pressure	JTE930			GTX40R
Remote-sealed type small flange differential pressure	JTE935			--
Remote-sealed type small flange differential pressure	JTE960			--
Remote-sealed type Low differential pressure	JTR915	30/Apr./1998	31/Jul./2003	GTX35R
Remote-sealed type Medium differential pressure	JTR926			
Compound gauge type of JTR926	JTR929			
Remote-sealed type High differential pressure	JTR930			GTX40R
Remote-sealed type High differential pressure	JTR935			--
Remote-sealed type Highest differential pressure	JTR960			--
Standard Low pressure gauge type	JTG940	30/Apr./1998	31/Jul./2003	GTX60G
Standard Medium pressure gauge type	JTG960			GTX71G
Standard High pressure gauge type	JTG980			GTX82G
Absolute Low pressure gauge type	JTA915	30/Apr./1998	31/Jul./2003	GTX30A
Absolute Medium pressure gauge type	JTA922			
Absolute High pressure gauge type	JTA940			GTX60A
Remote-sealed type small flange Low pressure	JTH940	30/Apr./1998	31/Jul./2003	GTX60U
Remote-sealed type small flange Medium pressure	JTH960			GTX82U
Remote-sealed type small flange High pressure	JTH980			
Remote-sealed type Low pressure gauge	JTU940	30/Apr./1998	31/Jul./2003	GTX60U
Remote-sealed type Medium pressure gauge	JTU960			GTX82U
Remote-sealed type High pressure gauge	JTU980			

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**
**Measuring range & working pressure (Pressure limit)**

Ace	Measuring range	Pressure limit	GTX	Measuring range	Pressure limit
JTD910	0~10 to 0~200mmH <sub>2</sub> O	0.7kgf/cm <sup>2</sup> max.	GTX30D	-10,160 ~ +10,160mmH <sub>2</sub> O	15mmHg abs. ~ 35kgf/cm <sup>2</sup>
JTD915	0~75 to 0~1,250mmH <sub>2</sub> O	35kgf/cm <sup>2</sup> max.			
JTD916	0~75 to 0~1,250mmH <sub>2</sub> O	420kgf/cm <sup>2</sup> max.	GTX32D	-10,160 ~ +10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD920	0~250 to 0~10,160mmH <sub>2</sub> O	140kgf/cm <sup>2</sup> max.	GTX31D	-10,160 ~ +10,160mmH <sub>2</sub> O	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD921	0~250 to 0~10,160mmH <sub>2</sub> O	420kgf/cm <sup>2</sup> max.	GTX32D	-10,160 ~ +10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD922	0~250 to 0~10,160mmH <sub>2</sub> O	140kgf/cm <sup>2</sup> max.	GTX31D	-10,160 ~ +10,160mmH <sub>2</sub> O	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD923	0~250 to 0~10,160mmH <sub>2</sub> O	420kgf/cm <sup>2</sup> max.	GTX32D	-10,160 ~ +10,160mmH <sub>2</sub> O	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD930	0~0.35 to 0~7kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX41D	-1 ~ 7kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD931	0~0.35 to 0~7kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX42D	-1 ~ 7kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD932	0~0.35 to 0~7kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX41D	-1 ~ 7kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD933	0~0.35 to 0~7kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX42D	-1 ~ 7kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD935	0~0.35 to 0~14kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX71D	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD936	0~0.35 to 0~14kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX72D	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTD960	0~0.35 to 0~140kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX71D	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 210kgf/cm <sup>2</sup>
JTD961	0~0.35 to 0~140kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX72D	-1 ~ 140kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTC915	75 to 1,250mmH <sub>2</sub> O	Up to flange rating	GTX35F	-10,160 ~ +10,160mmH <sub>2</sub> O	Up to flange rating
JTC917	75 to 1,250mmH <sub>2</sub> O	Up to flange rating			
JTC918	75 to 1,250mmH <sub>2</sub> O	Up to flange rating			
JTC926	0 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTC928	0 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTC929	0 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTC930	0.35 to 7kgf/cm <sup>2</sup>	Up to flange rating	GTX60F	-1 ~ 35kgf/cm <sup>2</sup>	Up to flange rating
JTC932	0.35 to 7kgf/cm <sup>2</sup>	Up to flange rating			
JTC933	0.35 to 7kgf/cm <sup>2</sup>	Up to flange rating			
JTC935	0.35 to 14kgf/cm <sup>2</sup>	Up to flange rating			
JTC937	0.35 to 14kgf/cm <sup>2</sup>	Up to flange rating			
JTC938	0.35 to 14kgf/cm <sup>2</sup>	Up to flange rating			
JTC940	0.35 to 35kgf/cm <sup>2</sup>	Up to flange rating			
JTC942	0.35 to 35kgf/cm <sup>2</sup>	Up to flange rating			
JTC943	0.35 to 35kgf/cm <sup>2</sup>	Up to flange rating	GTX35F	-10,160 ~ +10,160mmH <sub>2</sub> O	Up to flange rating
JTF915	75 to 1,250mmH <sub>2</sub> O	Up to flange rating			
JTF917	75 to 1,250mmH <sub>2</sub> O	Up to flange rating			
JTF918	75 to 1,250mmH <sub>2</sub> O	Up to flange rating			
JTF926	0 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTF928	0 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTF929	0 to 10,160mmH <sub>2</sub> O	Up to flange rating			

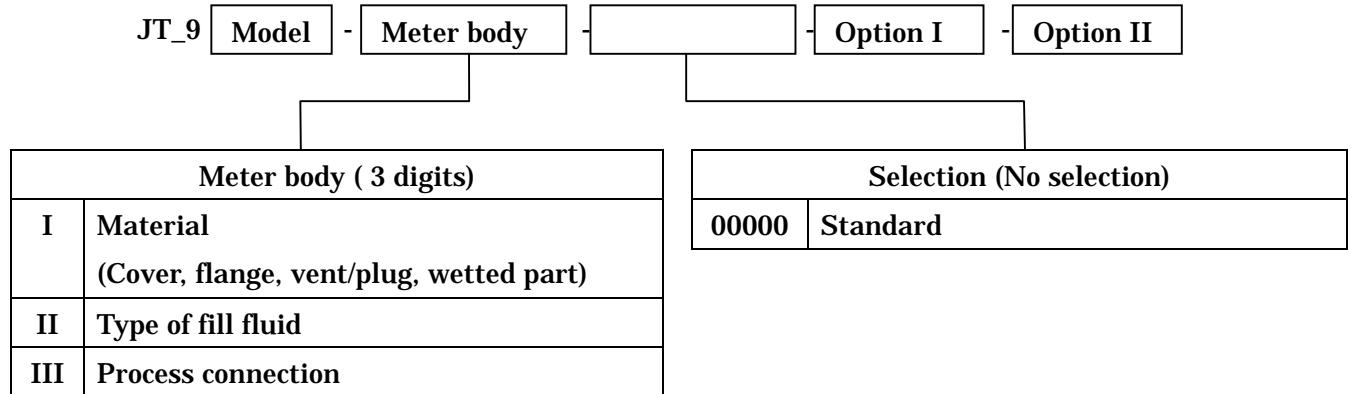
**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**
**Measuring range & working pressure (Pressure limit)**

Ace	Measuring range	Pressure limit	GTX	Measuring range	Pressure limit
JTF930	0.35 to 7kgf/cm <sup>2</sup>	Up to flange rating	GTX60F	-1 ~ 35kgf/cm <sup>2</sup>	Up to flange rating
JTF932	0.35 to 7kgf/cm <sup>2</sup>	Up to flange rating			
JTF933	0.35 to 7kgf/cm <sup>2</sup>	Up to flange rating			
JTF935	0.35 to 14kgf/cm <sup>2</sup>	Up to flange rating			
JTF937	0.35 to 14kgf/cm <sup>2</sup>	Up to flange rating			
JTF938	0.35 to 14kgf/cm <sup>2</sup>	Up to flange rating			
JTF940	0.35 to 35kgf/cm <sup>2</sup>	Up to flange rating			
JTF942	0.35 to 35kgf/cm <sup>2</sup>	Up to flange rating			
JTF943	0.35 to 35kgf/cm <sup>2</sup>	Up to flange rating			
JTE915	75 to 1,250mmH <sub>2</sub> O	Up to flange rating	GTX35R	-10,160 ~ 10,160mmH <sub>2</sub> O	Up to flange rating
JTE926	250 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTE929	250 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTE930	0.35 to 7kgf/cm <sup>2</sup>	Up to flange rating	GTX40R	-1 ~ 7kgf/cm <sup>2</sup>	Up to flange rating
JTE935	0.35 to 14kgf/cm <sup>2</sup>	Up to flange rating	--		
JTE960	0.35 to 140kgf/cm <sup>2</sup>	Up to flange rating	--		
JTR915	75 to 1,250mmH <sub>2</sub> O	Up to flange rating	GTX35R	-10,160 ~ 10,160mmH <sub>2</sub> O	Up to flange rating
JTR926	250 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTR929	250 to 10,160mmH <sub>2</sub> O	Up to flange rating			
JTR930	0.35 to 7kgf/cm <sup>2</sup>	Up to flange rating	GTX40R	-1 ~ 7kgf/cm <sup>2</sup>	Up to flange rating
JTR935	0.35 to 14kgf/cm <sup>2</sup>	Up to flange rating	--		
JTR960	0.35 to 140kgf/cm <sup>2</sup>	Up to flange rating	--		
JTG940	0~0.7 to 0~35kgf/cm <sup>2</sup>	35kgf/cm <sup>2</sup> max.	GTX60G	-1 ~ +35kgf/cm <sup>2</sup>	15mmHg abs. ~ 35kgf/cm <sup>2</sup>
JTG960	0~14 to 0~140kgf/cm <sup>2</sup>	140kgf/cm <sup>2</sup> max.	GTX60G	-1 ~ +140kgf/cm <sup>2</sup>	15mmHg abs. ~ 140kgf/cm <sup>2</sup>
JTG980	0~14 to 0~420kgf/cm <sup>2</sup>	420kgf/cm <sup>2</sup> max.	GTX8G	-1 ~ +420kgf/cm <sup>2</sup>	15mmHg abs. ~ 420kgf/cm <sup>2</sup>
JTA915	0~10 to 0~100mmHg abs.	0.1 ~ 100mmHg abs.	GTX30A	0 ~ 780 mmHg abs.	0.1 ~ 780mmHg abs.
JTA922	0~30 to 0~780mmHg abs.	0.1 ~ 780mmHg abs.			
JTA940	0~0.35 to 0~35kgf/cm <sup>2</sup> abs.	0.1mmHg abs. ~ 35kgf/cm <sup>2</sup> abs.	GTX60A	0 ~ 35kgf/cm <sup>2</sup> abs.	0.01mmHgabs.~35kgf/cm <sup>2</sup> abs.
JTH940	0.35 to 35kgf/cm <sup>2</sup>	Up to flange rating	GTX60U	-1 ~ 35kgf/cm <sup>2</sup>	Up to flange rating
JTH960	14 to 140kgf/cm <sup>2</sup>	Up to flange rating	GTX82U	-1 ~ 420kgf/cm <sup>2</sup>	Up to flange rating
JTH980	14 to 420kgf/cm <sup>2</sup>	Up to flange rating			
JTU940	0.35 to 35kgf/cm <sup>2</sup>	Up to flange rating	GTX60U	-1 ~ 35kgf/cm <sup>2</sup>	Up to flange rating
JTU960	14 to 140kgf/cm <sup>2</sup>	Up to flange rating	GTX82U	-1 ~ 420kgf/cm <sup>2</sup>	Up to flange rating
JTU980	14 to 420kgf/cm <sup>2</sup>	Up to flange rating			

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

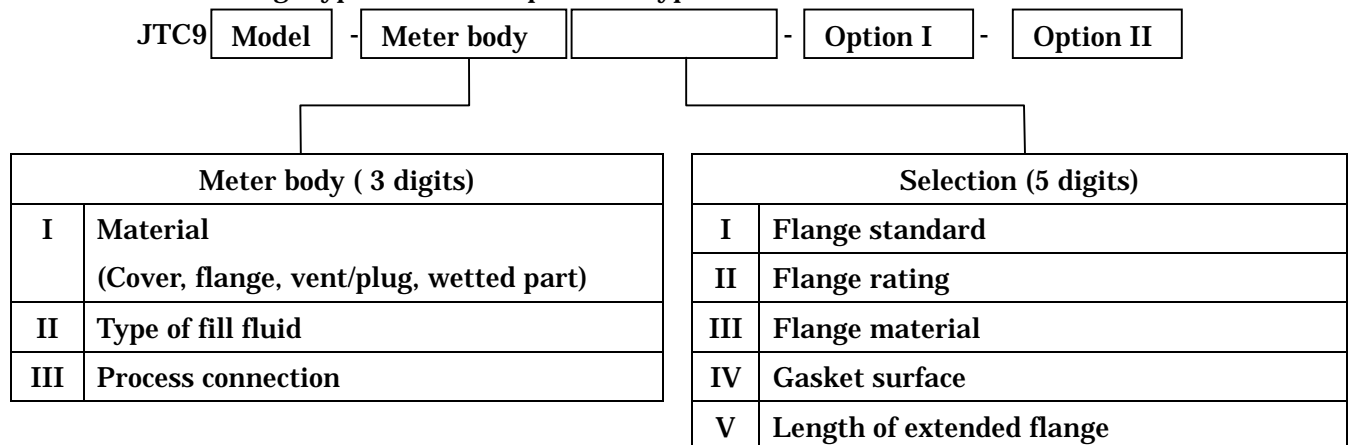
Model number composition

- JTD9 : Standard type differential pressure type
- JTG9 : Standard type Pressure gauge type
- JTA9 : Absolute pressure type



- ◆ When TOKUMI was issued, “Z” was accompanied such as JTD920Z-X1L-00000-LM-A2.
- ◆ Finally, although most semi-standard-option and TOKUMI item were converted to model number, it corresponded on “Z” or “SH code” at the beginning of sales.
  - It is unknown whether “SH code” accompanies from the Model number.

- JTC9 : Small flange type differential pressure type
- JTF9 : Flange type differential pressure type



- ◆ When TOKUMI was issued, “Z” was accompanied such as JTC930Z-E1QAA2X00-LM-A2.
- ◆ Finally, although most semi-standard-option and TOKUMI item were converted to model number, it corresponded on “Z” or “SH code” at the beginning of sales.
  - It is unknown whether “SH code” accompanies from the Model number.

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

**Model number composition**

- JTE9 : Remote-sealed type small flange differential pressure type
- JTR9 : Remote-sealed type differential pressure type
- JTH9 : Remote-sealed type small flange pressure type
- JTU9 : Remote-sealed type pressure type



Selection (7 digits)	
I	Flange standard
II	Flange rating
III	Flange material
IV	Wetted parts material
V	Gasket surface
VI	Length of extended flange
VII	Capillary length

- ◆ When TOKUMI was issued, “Z” was accompanied such as JTE930Z-1AB78JXX5-LM2-A2.
- ◆ Finally, although most semi-standard-option and TOKUMI item were converted to model number, it corresponded on “Z” or “SH code” at the beginning of sales.
  - It is unknown whether “SH code” accompanies from the Model number.

➤ **DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

Basic No.	Product name	Measuring range	Working pressure	GTX
JTD910	Standard Lowest differential pressure	0 10 to 0 200mmH2O	0.7kgf/cm2 max.	GTX30D
JTD915	Standard Low differential pressure	0 75 to 0 1,250mmH2O	35kgf/cm2 max.	GTX30D
JTD916	High static pressure type Low DP	0 75 to 0 1,250mmH2O	420kgf/cm2 max.	GTX32D
JTD920	Standard Medium differential pressure	0 250 to 0 10,160mmH2O	140kgf/cm2 max.	GTX31D
JTD921	High static pressure type Medium DP	0 250 to 0 10,160mmH2O	420kgf/cm2 max.	GTX32D
JTD922	Compound gauge of JTD920	0 250 to 0 10,160mmH2O	140kgf/cm2 max.	GTX31D
JTD923	Compound gauge of JTD921	0 250 to 0 10,160mmH2O	420kgf/cm2 max.	GTX32D
JTD930	Standard High differential pressure	0 0.35 to 0 7kgf/cm2	140kgf/cm2 max.	GTX41D
JTD931	High static pressure type High DP	0 0.35 to 0 7kgf/cm2	420kgf/cm2 max.	GTX42D
JTD932	Compound gauge of JTD930	0 0.35 to 0 7kgf/cm2	140kgf/cm2 max.	GTX41D
JTD933	Compound gauge of JTD931	0 0.35 to 0 7kgf/cm2	420kgf/cm2 max.	GTX42D
JTD935	Standard High differential pressure	0 0.35 to 0 14kgf/cm2	140kgf/cm2 max.	GTX71D
JTD936	High static pressure type High DP	0 0.35 to 0 14kgf/cm2	420kgf/cm2 max.	GTX72D
JTD960	Standard Highest differential pressure	0 7 to 0 140kgf/cm2	140kgf/cm2 max.	GTX71D
JTD961	High static pressure type Highest DP	0 7 to 0 140kgf/cm2	140kgf/cm2 max.	GTX72D

Meter body			Selection	Options		Description			
Material	Fill fluid	Process connectio		Option I	Option II	Cover/flange	Vent/Plug	Wetted parts	
-A						Carbon steel (SF45)	SUS316	SUS316	-A
-B					Hastelloy C			-B	
-C					Monel			-C	
-D					Tantalum			-D	
-E					SUSF316	SUS316	SUS316	-E	
-F							Hastelloy C	-F	
-G							Monel	-G	
-H							Tantalum	-H	
-J					Hastelloy C	Hastelloy C	Hastelloy C	-J	
-K							Tantalum	-K	
-L					Monel	Monel	Monel	-L	
-M					PVC	PVC	Hastelloy C	-M	
-N							Monel	-N	
-P							Tantalum	-P	
-Q					Tantalum	Tantalum	Tantalum	-Q	
-R					SUSF316	SUS316	Nickel	-R	
-S					Alloy 20	Alloy 20	Monel	-S	
-T					Titanium	Titanium	Tantalum	-T	
-U					SUSF316	SUS316	SUS316L	-U	
-W							SUS316L	SUS316L	-W
-9					SF45 Ni coat	SUS316	SUS316	-9	
-X					Other than the above			-X	
	1				Regular type (Silicone oil)			1	
	2				For oxygen service (Fluorine oil)			2	
	4				For vacuum service (Silicone oil)			4	
	5				For chlorine service (Fluorine oil)			5	
	9				Ethylene glycol			9	
	X				Other than the above			X	
		L			Rc 1/2 (PT 1/2 female)			Rear connection	L
		G			1/2 NPT female				G
		D			Rc 1/4 (PT 1/4 female)				D
		A			1/4 NPT female				A
		Q			Rc 1/2 (PT 1/2 female)			Top or Bottom connection	Q
		R			1/2 NPT female				R
		S			Rc 1/4 (PT 1/4 female)				S
		T			1/4 NPT female				T
		X			Other than the above			X	
			-00000			Standard			-00000

**D) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

Basic No.	Product name		Measuring range		Working pressure		GTX	
JTC915	Impulse line : Gas sealed for Open/Closed tank small flange type DP		75 to 1,250mmH2O		Up to flange		GTX35F	
JTC917	Impulse line : Liquid sealed for Open tank small flange type DP		75 to 1,250mmH2O		Up to flange		GTX35F	
JTC918	Compound gauge small flange type differential pressure		75 to 1,250mmH2O		Up to flange		GTX35F	
JTC926	Impulse line : Gas sealed for Open/Closed tank small flange type DP		0 to 10,160mmH2O		Up to flange		GTX35F	
JTC928	Impulse line : Liquid sealed for Open tank small flange type DP		0 to 10,160mmH2O		Up to flange		GTX35F	
JTC929	Compound gauge small flange type differential pressure		0 to 10,160mmH2O		Up to flange		GTX35F	
JTC930	Impulse line : Gas sealed for Open/Closed tank small flange type DP		0.35 to 7kgf/cm2		Up to flange		GTX60F	
JTC932	Impulse line : Liquid sealed for Open tank small flange type DP		0.35 to 7kgf/cm2		Up to flange		GTX60F	
JTC933	Compound gauge small flange type differential pressure		0.35 to 7kgf/cm2		Up to flange		GTX60F	
JTC935	Impulse line : Gas sealed for Open/Closed tank small flange type DP		0.35 to 14kgf/cm2		Up to flange		GTX60F	
JTC937	Impulse line : Liquid sealed for Open tank small flange type DP		0.35 to 14kgf/cm2		Up to flange		GTX60F	
JTC938	Compound gauge small flange type differential pressure		0.35 to 14kgf/cm2		Up to flange		GTX60F	
JTC940	Impulse line : Gas sealed for Open/Closed tank small flange type DP		0.35 to 35kgf/cm2		Up to flange		GTX60F	
JTC942	Impulse line : Liquid sealed for Open tank small flange type DP		0.35 to 35kgf/cm2		Up to flange		GTX60F	
JTC943	Compound gauge small flange type differential pressure		0.35 to 35kgf/cm2		Up to flange		GTX60F	

Meter body			Flange selection				Options		Description						
Material	Fill fluid	Process connectio	Standard	Rating	Material	Gasket surface	Length of extended	Option I	Option II	Reference cover	Vent/ Drain	Flange wetted	Reference wetted		
-A												SUS316	SUS316	-A	
-B										Carbon steel (SF45)	SUS316	Hastelloy C	SUS316	-B	
-C												Monel		-C	
-D												Tantalum		-D	
-E												SUS316		-E	
-F										SUSF316	SUS316	Hastelloy C	SUS316	-F	
-G												Monel		-G	
-H												Tantalum		-H	
-J										Hastelloy C	Hastelloy C	Hastelloy C	Hastelloy C	-J	
-K												Tantalum	SUS316	-K	
-L										Monel	Monel	Monel	SUS316	-L	
-M										PVC	PVC	Hastelloy C		-M	
-N												Monel	SUS316	-N	
-P												Tantalum		-P	
-Q										Tantalum	Tantalum	Tantalum	Tantalum	-Q	
-R										SUSF316	SUS316	Nickel	SUS316	-R	
-S										Alloy 20	Alloy 20	Monel	SUS316	-S	
-T										titanium	Titanium	Tantalum	SUS316	-T	
-U										SUSF316	SUS316	SUS316L	SUS316	-U	
-W												SUS316L	SUS316L	-W	
-1												SUS316L	SUS316L	-1	
-2										Carbon steel (SF45)	SUSF316	Hastelloy C	Hastelloy C	-2	
-3												Tantalum	Tantalum	-3	
-4												SUS316L	SUS316L	-4	
-5										SUSF316L	SUS316L	Hastelloy C	Hastelloy C	-5	
-6												Tantalum	Tantalum	-6	
-7										PVC	PVC	Tantalum	Tantalum	-7	
-9										SF45 Ni coat	SUS316L	SUS316L	SUS316L	-9	
-X														-X	
	1													Regular type (Silicone oil)	1
	2													For oxygen service (Fluorine oil)	2
	5													For chlorine service (Fluorine oil)	5
	6													For sanitary service (Silicone oil)	6
	9													For vacuum service (Silicone oil)	9
	A													Propylene glycol	A
	B													Ethylene glycol	B
	X													Other than the above	X
		Q												Rc 1/2 (PT1/2 female) Top or bottom connection	Q
		R												1/2 NPT female Top or bottom connection	R
		S												Rc 1/4 (PT 1/4 female) Top or bottom connection	S
		T												1/4 NPT female Top or bottom connection	T
		H												Hole for open air	H
		L												Rc 1/2 side connection	L
		X												Other than the above	X

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

JTC9	Meter body			Flange selection			Options		Description			
	Material	Fill fluid	Process connectio	Standard	Rating	Material	Gasket surface	Length of extended		Option I	Option II	
				A						ANSI	A	
				J						JIS	J	
				P						JPI	P	
				D						DIN	D	
				B						BS	B	
				F						IDF Clamp	F	
				X						Other than those above	X	
				A						10K / 150	A	
				B						20K / 300	B	
				C						30K / 600	C	
				D						63K / 900	D	
				X						Other than those above	X	
						1				Carbon steel	1	
						7				SUS304	7	
						2				SUS316	2	
						8				SUS316L	8	
						X				Other than those above	X	
							J			Standard	J	
							A			Serration	A	
							S			Smooth 125 AARH	S	
							B			JIS Ra 3.2	B	
							X			Other than those above	X	
								00			3B / 80A	00
								01			2B / 50A	01
								02		Standard type	1.5B / 40A	02
								03			1B / 25A	03
								04			4B / 100A	04
								05			50mm	05
								10			100mm	10
								15			150mm	15
								20			200mm	20
								25			250mm	25
								30		3B extended type	300mm	30
								35			350mm	35
								40			400mm	40
								45			450mm	45
								50			500mm	50
								55			550mm	55
								06			50mm	06
								11			100mm	11
								16			150mm	16
								21			200mm	21
								26			250mm	26
								31		2B extended type	300mm	31
								36			350mm	36
								41			400mm	41
								46			450mm	46
								51			500mm	51
								56			550mm	56
								07			50mm	07
								12			100mm	12
								17			150mm	17
								11			200mm	11
								27			250mm	27
								32		1.5B extended type	300mm	32
								37			350mm	37
								42			400mm	42
								47			450mm	47
								52			500mm	52
								57			550mm	57
								08			50mm	08
								13			100mm	13
								18			150mm	18
								23			200mm	23
								28			250mm	28
								33		1B extended type	300mm	33
								38			350mm	38
								43			400mm	43
								48			450mm	48
								53			500mm	53
								58			550mm	58
								09			50mm	09
								14			100mm	14
								19			150mm	19
								24			200mm	24
								29			250mm	29
								34		4B extended type	300mm	34
								39			350mm	39
								44			400mm	44
								49			450mm	49
								54			500mm	54
								59			550mm	59
								XX		Other than the above		XX

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

**Model number table**

Basic No.	Product name		Measuring range				Working pressure		GTX	
JTF915	Impulse line : Gas sealed for Open/Closed tank flange type DP		0 75 to 0 1,250mmH2O				Up to flange rating		GTX35F	
JTF917	Impulse line : Liquid sealed for Open/Closed tank flange type DP		0 75 to 0 1,250mmH2O				Up to flange rating		GTX35F	
JTF918	Compound gauge flange type differential pressure		0 75 to 0 1,250mmH2O				Up to flange rating		GTX35F	
JTF926	Impulse line : Gas sealed for Open/Closed tank flange type DP		0 250 to 0 10,160mmH2O				Up to flange rating		GTX35F	
JTF928	Impulse line : Liquid sealed for Open/Closed tank flange type DP		0 250 to 0 10,160mmH2O				Up to flange rating		GTX35F	
JTF929	Compound gauge flange type differential pressure		0 250 to 0 10,160mmH2O				Up to flange rating		GTX35F	
JTF930	Impulse line : Gas sealed for Open/Closed tank flange type DP		0 0.35 to 0 7kgf/cm2				Up to flange rating		GTX60F	
JTF932	Impulse line : Liquid sealed for Open/Closed tank flange type DP		0 0.35 to 0 7kgf/cm2				Up to flange rating		GTX60F	
JTF933	Compound gauge flange type differential pressure		0 0.35 to 0 7kgf/cm2				Up to flange rating		GTX60F	
JTF935	Impulse line : Gas sealed for Open/Closed tank flange type DP		0 0.35 to 0 14kgf/cm2				Up to flange rating		GTX60F	
JTF937	Impulse line : Liquid sealed for Open/Closed tank flange type DP		0 0.35 to 0 14kgf/cm2				Up to flange rating		GTX60F	
JTF938	Compound gauge flange type differential pressure		0 0.35 to 0 14kgf/cm2				Up to flange rating		GTX60F	
JTF940	Impulse line : Gas sealed for Open/Closed tank flange type DP		0 0.35 to 0 35kgf/cm2				Up to flange rating		GTX60F	
JTF942	Impulse line : Liquid sealed for Open/Closed tank flange type DP		0 0.35 to 0 35kgf/cm2				Up to flange rating		GTX60F	
JTF943	Compound gauge flange type differential pressure		0 0.35 to 0 35kgf/cm2				Up to flange rating		GTX60F	

Meter body			Flange selection				Options		Description					
Material	Fill fluid	Process connection	Standard	Rating	Material	Gasket surface	Length of extended	Option I	Option II	Reference cover	Vent / Drain	Flange wetted	Reference wetted	
-A										Carbon steel (SF45)	SUS316	SUS316	SUS316	-A
-B												Hastelloy C		-B
-C												Monel		-C
-D												Tantalum		-D
-E												SUS316L		-E
-F										SUSF316	SUS316	Hastelloy C	SUS316	-F
-G												Monel		-G
-H												Tantalum		-H
-J										Hastelloy C	Hastelloy C	Hastelloy C		-J
-K												Tantalum	SUS316	-K
-L										Monel	Monel	Monel		-L
-M												Hastelloy C		-M
-N										PVC	PVC	Monel	SUS316	-N
-P												Tantalum		-P
-Q										Tantalum	Tantalum	Tantalum	SUS316	-Q
-R										SUSF316	SUS316	Nickel	SUS316	-R
-S										Alloy 20	Alloy 20	Monel	SUS316	-S
-T										Titanium	Titanium	Tantalum	SUS316	-T
-U										SUSF316	SUS316	SUS316L	SUS316	-U
-W										SUSF316L	SUS316L	SUS316L	SUS316	-W
-1												SUS316L	SUS316	-1
-2										Carbon steel (SF45)	SUS316L	Hastelloy C	Hastelloy C	-2
-3												Tantalum	Tantalum	-3
-4												SUS316L	SUS316L	-4
-5										SUSF316L	SUS316L	Hastelloy C	Hastelloy C	-5
-6												Tantalum	Tantalum	-6
-7										PVC	PVC	Tantalum	Tantalum	-7
-9										SF45 Ni coat	SUS316	SUS316	SUS316	-9
-X										Other than the above				-X
	1									Regular type (Silicone oil)				1
	2									For oxygen service (Fluorine oil)				2
	4									For vacuum service (Silicone oil)				4
	5									For chlorine service (Fluorine oil)				5
	6									For Sanitary service (Silicone oil)				6
	9									Ethylene glycol				9
	X									Other than the above				X
		Q								Rc 1/2 (PT 1/2 female)				Q
		R								1/2 NPT female				R
		S								Rc 1/4 (PT 1/4 female)				S
		T								1/4 NPT female				T
		H								Hole for open to air				H
		L								Rc 1/2 side connection				L
		X								Other than the above				X
			A							ANSI				A
			J							JIS				J
			P							JPI				P
			D							DIN				D
			B							BS				B
			F							IDF Clamp				F
			X							Other than the above				X

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

JTF9	Meter body			Flange selection				Options		Description		
	Material	Fill fluid	Process connection	Standard	Rating	Material	Gasket surface	Length of extended	Option I			Option II
					A						3B 150 / 80A 10K / MW80 N D10	A
					B						3B 300 / 80A 30K / MW80 N D40	B
					C						4B 150 / 100A 10K / MW100 N D10	C
					D						4B 300 / 100A 10K / MW100 N D40	D
					E						80A 20K / MW80 N D25	E
					F						3B 600 / 80A 63K / MW80 N D64	F
					G						3B 1500 RTJ	G
					Q						100A 20K / MW100 N D25	Q
					R						4B 600 / 100A 63K / MW100 N D64	R
					T						Standard type 3S clamp connection	T
					Y						Standard type 4S clamp connection	Y
					U						Extended type 4S clamp connection size 88mm	U
					4						Extended type 4S clamp connection size 101.6mm	4
					X						Other than the above	X
					1						Carbon steel	1
					7						SUS304	7
					2						SUS316	2
					8						SUS316L	8
					X						Other than the above	X
					J						Standard	J
					A						Serration	A
					S						Smooth 125 AARH	S
					B						JIS Ra 3.2	B
					X						Other than the above	X
											00 Standard	00
											05 Extended length 50mm 95	05
											10 Extended length 100mm 95	10
											15 Extended length 150mm 95	15
											20 Extended length 200mm 95	20
											25 Extended length 250mm 95	25
											30 Extended length 300mm 95	30
											35 Extended length 350mm 95	35
											40 Extended length 400mm 95	40
											45 Extended length 450mm 95	45
											50 Extended length 500mm 95	50
											55 Extended length 550mm 95	55
											06 Extended length 50mm 90	06
											11 Extended length 100mm 90	11
											16 Extended length 150mm 90	16
											21 Extended length 200mm 90	21
											26 Extended length 250mm 90	26
											31 Extended length 300mm 90	31
											36 Extended length 350mm 90	36
											41 Extended length 400mm 90	41
											46 Extended length 450mm 90	46
											51 Extended length 500mm 90	51
											56 Extended length 550mm 90	56
											XX Other than the above	XX

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

**Model number table**

Basic No.	Product name	Measuring range	Working pressure	GTX
JTE915	Remote-sealed type small flange differential pressure	75 1,250mmH2O	Up to flange rating	GTX35R
JTE926	Remote-sealed type small flange differential pressure	250 10,160mmH2O	Up to flange rating	GTX35R
JTE929	Compound gauge type of JTE926	250 10,160mmH2O	Up to flange rating	GTX35R
JTE930	Remote-sealed type small flange differential pressure	0.35 7kgf/cm2	Up to flange rating	GTX40R
JTE935	Remote-sealed type small flange differential pressure	0.35 14kgf/cm2	Up to flange rating	--
JTE960	Remote-sealed type small flange differential pressure	0.35 140kgf/cm2	Up to flange rating	--

Fill fluid	Flange selection						Options		Description		
	Standard	Rating	Material		Gasket surface	Length of extended	Capillary length	Option I			Option II
			Flange	Wetted parts							
-1									Regular type (Silicone oil)	-1	
-2									For oxygen service (Fluorine oil)	-2	
-3									For High temperature service (Silicone oil)	-3	
-4									For High-temp./vacuum service (Silicone oil)	-4	
-5									For chlorine service (Fluorine oil)	-5	
-6									For Sanitary use (Silicone oil)	-6	
-7									For High-temp./High-vacuum service (Silicone oil)	-7	
-8									For Super high temperature service	-8	
-9									For vacuum service (Silicone oil)	-9	
-A									Propylene glycol	-A	
-B									Ethylene glycol	-B	
-X									Other than the above	-X	
	A								ANSI	A	
	J								JIS	J	
	P								JPI	P	
	D								DIN	D	
	B								BS	B	
	F								IDF clamp	F	
	X								Other than the above	X	
		A							10K / 150	A	
		B							20K / 300	B	
		C							30K / 600	C	
		D							63K / 900	D	
		E							1500	E	
		F							2500	F	
		G							10K	G	
		H							20K	H	
		J							30K	J	
		K							63K	K	
		L							1500	L	
		M							2500	M	
		X							Other than the above	X	
			1						Carbon steel	1	
			7						SUS304	7	
			2						SUS316	2	
			8						SUS316L	8	
			X						Other than the above	X	
				3					Monel	3	
				4					Tantalum	4	
				9					Hastelloy C	9	
				8					SUS316L	8	
				T					Titanium	T	
				N					Nickel	N	
				J					Zirconium	J	
				P					Platinum	P	
				X					Other than the above	X	
					J				Standard	J	
					A				Serration	A	
					S				Smooth 125 AARH	S	
					B				JIS Ra 3.2	B	
					R				Ring type Joint/Lense ring	R	
					X				Other than the above	X	



**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

**Model number table**

Basic No.	Product name	Measuring range	Working pressure	GTX
JTR915	Remote-sealed type Low differential pressure type	0 75 to 0 1,250mmH <sub>2</sub> O	Up to flange rating	GTX35R
JTR926	Remote-sealed type Medium differential pressure type	0 250 to 0 10,160mmH <sub>2</sub> O	Up to flange rating	GTX35R
JTR929	Compound gauge type of JTR926	0 250 to 0 10,160mmH <sub>2</sub> O	Up to flange rating	GTX35R
JTR930	Remote-sealed type High differential pressure type	0 0.35 to 0 7kgf/cm <sup>2</sup>	Up to flange rating	GTX40R
JTR935	Remote-sealed type High differential pressure type	0 0.35 to 0 14kgf/cm <sup>2</sup>	Up to flange rating	--
JTR960	Remote-sealed type Highest differential pressure type	0 0.35 to 0 140kgf/cm <sup>2</sup>	Up to flange rating	--

Fill fluid	Flange selection					Options		Description			
	Standard	Rating	Material		Gasket surface	Length of extended	Capillary length			Option I	Option II
			Flange	Wetted part							
-1									Regular type (Silicone oil)	-1	
-2									For oxygen service (Fluorine oil)	-2	
-3									For high temperature (Silicone oil)	-3	
-4									For high-temp./vacuum service (Silicone oil)	-4	
-5									For chlorine service (Fluorine oil)	-5	
-6									For Sanitary service (Silicone oil)	-6	
-7									For high-temp./high-vacuum service	-7	
-9									Ethylene glycol	-9	
-X									Other than those above	-X	
	A								ANSI	A	
	J								JIS	J	
	P								JPI	P	
	D								DIN	D	
	B								BS	B	
	R								ANSI steam jacket (1/4 NPT)	R	
	S								JIS steam jacket (Rc 1/4)	S	
	T								JPI steam jacket (Rc 1/4)	T	
	U								JPI steam jacket (1/4 NPT)	U	
	E								DIN steam jacket (1/4 NPT)	E	
	W								BS steam jacket (1/4 NPT)	W	
	F								IDF clamp	F	
	X								Other than those above	X	
		A							3B 150 / 80A 10K / MW80 N D10	A	
		B							3B 300 / 80A 30K / MW80 N D40	B	
		C							4B 150 / 100A 10K / MW100 N D10	C	
		D							4B 300 / 100A 30K / MW100 N D40	D	
		E							80A 20K / MW80 N D25	E	
		F							3B 600 / 80A 63K / MW80 N D64	F	
		G							3B 1500 RTJ	G	
		H							3B 2500 RTJ / MW80 N D250L	H	
		J							2B 150 / 50A 10K / MW50 N D10	J	
		K							50A 20K / MW50 N D25	K	
		L							2B 300 / 50A 30K / MW50 N D40	L	
		M							2B 600 / 50A 63K / MW50 N D64	M	
		N							2B 1500 RTJ	N	
		P							3B 2500 RTJ / MW50 N D250L	P	
		Q							100A 20K / MW100 N D25	Q	
		R							4B 600 / 100A 63K / MW100 N D64	R	
		T							Standard type 3S clamp connection	T	
		Y							Standard type 4S clamp connection	Y	
		U							Extended type 4S clamp connection size 88mm	U	
		1							Standard (10k 80A/150 3B) & Extended (10K 100A / 150 4B)	1	
		2							Standard (20K 80A) & Extended (20K 100A)	2	
		3							Standard (30K 80A/300 3B) & Extended (30K 100A / 300 4B)	3	
		4							Extended type 4S clamp connection size 101.6mm	4	
		X							Other than those above	X	
			1						Carbon steel	1	
			7						SUS304	7	
			2						SUS316	2	
			8						SUS316L	8	
			X						Other than those above	X	
				2					SUS316	2	
				3					Monel	3	
				4					Tantalum	4	
				9					Hastelloy C	9	
				8					SUS316L	8	
				T					Titanium	T	
				N					Nickel	N	
				X					Other than those above	X	

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

JTR9	Fill fluid	Flange selection				Options		Description				
		Standard	Rating	Material		Gasket surface	Length of extended			Capillary length	Option I	Option II
				Flange	Wetted part							
					J			Standard	J			
					A			Serration	A			
					S			Smooth 125 AARH	S			
					B			JIS Ra 3.2	B			
					R			Ring Type joint / Lense ring	R			
					X			Other than those above	X			
					00			Standard	00			
					05			Extended 50mm 95	05			
					10			Extended 100mm 95	10			
					15			Extended 150mm 95	15			
					20			Extended 200mm 95	20			
					25			Extended 250mm 95	25			
					30			Extended 300mm 95	30			
					35			Extended 350mm 95	35			
					40			Extended 400mm 95	40			
					45			Extended 450mm 95	45			
					50			Extended 500mm 95	50			
					55			Extended 550mm 95	55			
					06			Extended 50mm 90	06			
					11			Extended 100mm 90	11			
					16			Extended 150mm 90	16			
					21			Extended 200mm 90	21			
					26			Extended 250mm 90	26			
					31			Extended 300mm 90	31			
					36			Extended 350mm 90	36			
					41			Extended 400mm 90	41			
					46			Extended 450mm 90	46			
					51			Extended 500mm 90	51			
					56			Extended 550mm 90	56			
					XX			Other than those above	XX			
					1			1m	1			
					2			2m	2			
					3			3m	3			
					4			4m	4			
					5			5m	5			
					6			6m	6			
					7			7m	7			
					8			8m	8			
					9			9m	9			
					A			10m	A			
					L			1m with Olefin cover	L			
					B			2m with Olefin cover	B			
					C			3m with Olefin cover	C			
					H			4m with Olefin cover	H			
					D			5m with Olefin cover	D			
					J			6m with Olefin cover	J			
					E			7m with Olefin cover	E			
					F			8m with Olefin cover	F			
					K			9m with Olefin cover	K			
					G			10m with Olefin cover	G			
					X			Other than those above	X			

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

Basic No.	Product name			Measuring range		Working pressure		GTX		
JTG940	Standard Low Pressure gauge type			0 0.7 to 0 35kgf/cm2		35kgf/cm2 max.		GTX60G		
JTG960	Standard Medium Pressure gauge type			0 14 to 0 140kgf/cm2		140kgf/cm2 max.		GTX71G		
JTG980	Standard High Pressure gauge type			0 14 to 0 420kgf/cm2		420kgf/cm2 max.		GTX82G		
	Meter body			Options		Description				
	Material	Fill fluid	Process connection	Selection	Option I	Option II				
							Cover flange	Vend/Drain	Wetted part	
	-A								SUS316	-A
	-B						Carbon steel (SF45)	SUS316	Hastelloy C	-B
	-C								Monel	-C
	-D								Tantalum	-D
	-E								SUS316	-E
	-F						SUSF316	SUS316	Hastelloy C	-F
	-G								Monel	-G
	-H								Tantalum	-H
	-J						Hastelloy C	Hastelloy C	Hastelloy C	-J
	-K								Tantalum	-K
	-L						Monel	Monel	Monel	-L
	-M								Hastelloy C	-M
	-N						PVC	PVC	Monel	-N
	-P								Tantalum	-P
	-Q						Tantalum	Tantalum	Tantalum	-Q
	-R						SUSF316	SUS316	Nickel	-R
	-S						Alloy 20	Alloy 20	Monel	-S
	-T						Titanium	Titanium	Tantalum	-T
	-U								SUS316	-U
	-W						SUSF316	SUS316L	SUS316L	-W
	-9						SF Ni coat	SUS316	SUS316	-9
	-X						Other than those above			-X
		1					Regular type (Silicone oil)			1
		2					For oxygen service (Fluorine oil)			2
		4					For vacuum service (Silicone oil)			4
		5					For chlorine service (Fluorine oil)			5
		9					Ethylene glycol			9
		X					Other than those above			X
			L				Rc 1/2 (PT 1/2 female)			L
			G				1/2 NPT female		Side connection	G
			D				Rc 1/4 (PT 1/4 female)			D
			A				1/4 NPT female			A
			Q				Rc 1/2 (PT 1/2 female)		Top or Bottom connection	Q
			R				1/2 NPT female			R
			S				Rc 1/4 (PT 1/4 female)			S
			T				1/4 NPT female			T
				-00000			Standard			-00000

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

Basic No.	Product name			Measuring range		Working pressure			GTX	
JTA915	Absolute Low pressure type			0 10 to 0 100mmHg abs.		0.1 to 100mmHg abs.			GTX30A	
JTA922	Absolute Medium pressure type			0 30 to 0 780mmHg abs.		0.1 to 780mmHg abs.			GTX30A	
JTA940	Absolute High pressure type			0 0.35 to 0 35kgf/cm2 abs.		0.1mmHg abs. to 35kgf/cm2 abs.			GTX60A	
	Meter body			Options		Description				
	Material	Fill fluid	Process connectio	Selection	Option I	Option II				
							Cover/flange	Vent/Plug	Wetted parts	
	-A						Carbon steel (SF45)	SUS316	SUS316	-A
	-B								Hastelloy C	-B
	-C								Monel	-C
	-D								Tantalum	-D
	-E						SUSF316	SUS316	SUS316	-E
	-F								Hastelloy C	-F
	-G								Monel	-G
	-H								Tantalum	-H
	-J						Hastelloy C	Hastelloy C	Hastelloy C	-J
	-K								Tantalum	-K
	-L						Monel	Monel	Monel	-L
	-M								Hastelloy C	-M
	-N						PVC	PVC	Monel	-N
	-P								Tantalum	-P
	-Q						Tantalum	Tantalum	Tantalum	-Q
	-R						SUSF316	SUS316	Nickel	-R
	-S						Alloy 20	Alloy 20	Monel	-S
	-T						Titanium	Titanium	Tantalum	-T
	-U						SUSF316	SUS316	SUS316L	-U
	-W								SUS316L	SUS316L
	-9						SF45 Ni coat	SUS316	SUS316	-9
	-X						Other than those above			-X
		1					Regular type (Silicone oil)			1
		2					For oxygen service (Fluorine oil)			2
		4					For vacuum service (Silicone oil)			4
		5					For chlorine service (Fluorine oil)			5
		9					Ethylene glycol			9
		X					Other than those above			X
			L				Rc 1/2 (PT1/2 female)	Side connection		L
			G				1/2 NPT female			G
			D				Rc 1/4 (PT1/4 female)			D
			A				1/4 NPT female			A
			Q				Rc 1/2 (PT1/2 female)	Top or Bottom connection		Q
			R				1/2 NPT female			R
			S				Rc 1/4 (PT1/4 female)			S
			T				1/4 NPT female			T
				-00000			Standard			-00000

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

Basic No.	Product name				Measuring range			Working pressure	GTX
JTH940	Remote-sealed type small flange Low pressure gauge type				0.7 to 35kgf/cm <sup>2</sup>			Up to flange rating	GTX60U
JTH960	Remote-sealed type small flange Medium pressure gauge type				14 to 140kgf/cm <sup>2</sup>			Up to flange rating	GTX82U
JTH980	Remote-sealed type small flange High pressure gauge type				14 to 420kgf/cm <sup>2</sup>			Up to flange rating	GTX82U

Fill fluid	Flange selection					Options		Description		
	Standard	Rating	Material		Gasket surface	Length of extended	Capillary length			Option I
Flange			Wetted parts							
-1									Regular type (Silicone oil)	-1
-2									For oxygen service (Fluorine oil)	-2
-3									For high temperature service (Silicone oil)	-3
-4									For high-temp./vacuum service (Silicone oil)	-4
-5									For chlorine service (Fluorine oil)	-5
-6									For sanitary service (Silicone oil)	-6
-7									For high-temp./high-vacuum service	-7
-8									For super high temperature service	-8
-9									For vacuum service	-9
-A									Propylene glycol	-A
-B									Ethylene glycol	-B
-X									Other than those above	-X
	A								ANSI	A
	J								JIS	J
	P								JPI	P
	D								DIN	D
	B								BS	B
	F								IDF Clamp	F
	N								Without flange	N
	X								Other than those above	X
		A							10K / 150	A
		B							20K / 300	B
		C							30K / 600	C
		D							63K / 900	D
		E							1500	E
		F							2500	F
		1							Wafer (1500#)	1
		2							Button diaphragm PT 1/2 female	2
		X							Other than those above	X
			1						Carbon steel	1
			7						SUS304	7
			2						SUS316	2
			8						SUS316L	8
			X						Other than those above	X
				2					SUS316 (Diaphragm SUS316L)	2
				3					Monel	3
				4					Tantalum	4
				9					Hastelloy C	9
				8					SUS316L	8
				T					Titanium	T
				N					Nickel	N
				J					Zirconium	J
				P					Platinum	P
				X					Other than those above	X
					J				Standard	J
					A				Serration	A
					S				Smooth 125 AARH	S
					B				JIS Ra 3.2	B
					R				Ring type joint/Lense ring	R
					X				Other than those above	X

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

JTH9	Fill fluid	Flange selection				Options		Description				
		Standard	Rating	Material		Gasket surface	Length of extended			Capillary length	Option I	Option II
				Flange	Wetted parts							
										00		
										01		
										02		
									Standard	03		
										04		
										05		
										10		
										15		
										20		
										25		
									3B extended length	30		
										35		
										40		
										45		
										50		
										55		
										06		
										11		
										16		
										21		
										26		
									2B extended length	31		
										36		
										41		
										46		
										51		
										56		
										07		
										12		
										17		
										22		
										27		
									1.5B extended length	32		
										37		
										42		
										47		
										52		
										57		
										08		
										13		
										18		
										23		
										28		
									1B extended length	33		
										38		
										43		
										48		
										53		
										58		
										09		
										14		
										19		
										24		
										29		
									4B extended length	34		
										39		
										44		
										49		
										54		
										59		
									Botton diaphragm	99		
									Other than those above	XX		
										1		
										2		
										3		
										4		
										5		
										6		
										7		
										8		
										9		
										A		
										L		
										B		
										C		
										H		
										D		
										J		
										E		
										F		
										K		
										G		
										X		

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

Basic No.	Product name		Measuring rang		Working pressure	GTX
JTU940	Remote-sealed type Low pressure gauge		0 0.7 to 0 35kgf/cm <sup>2</sup>		Up to flange rating	GTX60U
JTU960	Remote-sealed type Medium pressure gauge		0 14 to 0 140kgf/cm <sup>2</sup>		Up to flange rating	GTX82U
JTU980	Remote-sealed type High pressure gauge		0 14 to 0 420kgf/cm <sup>2</sup>		Up to flange rating	GTX82U

Fill fluid	Flange selection				Gasket surface	Length of extended	Capillary length	Options		Description	
	Standard	Rating	Material					Option I	Option II		
			Flange	Wetted parts							
-1										Regular type (Silicone oil)	-1
-2										For Oxygen service (Fluorine oil)	-2
-3										For high temperature service (Silicone oil)	-3
-4										For high-temp./vacuum service (Silicone oil)	-4
-5										For chlorine service (Fluorine oil)	-5
-6										For Sanitary service (Silicone oil)	-6
-7										For high-temp./high-vacuum service	-7
-9										Ethylene glycol	-9
-X										Other than those above	-X
	A									ANSI	A
	J									JIS	J
	P									JPI	P
	D									DIN	D
	B									BS	B
	R									ANSI steam jacket (1/4 NPT)	R
	S									JIS steam jacket (Rc 1/4)	S
	T									JPI steam jacket (Rc 1/4)	T
	U									JPI steam jacket (1/4 NPT)	U
	E									DIN steam jacket (1/4 NPT)	E
	W									BS steam jacket (1/4 NPT)	W
	F									IDF clamp	F
	N									Without flange	N
	X									Other than those above	X
		A								3B 150 / 80A 10K / MW80 N D10	A
		B								3B 300 / 80A 30K / MW80 N D40	B
		C								4B 150 / 100A 10K / MW100 N D10	C
		D								4B 300 / 100A 30K / MW100 N D40	D
		E								80A 20K / MW80 N D25	E
		F								3B 600 / 80A 63K / MW80 N D64	F
		G								3B 1500 RTJ	G
		H								3B 2500 RTJ / MW80 N D250L	H
		J								2B 150 / 50A 10K / MW50 N D10	J
		K								50A 20K / MW50 N D25	K
		L								2B 300 / 50A 30K / MW50 N D40	L
		M								2B 600 / 50A 63K / MW50 N D64	M
		N								2B 1500 RTJ	N
		P								3B 2500 RTJ / MW50 N D250L	P
		Q								100A 20K / MW100 N D25	Q
		R								4B 600 / 100A 63K / MW100 N D64	R
		W								2B Wafer	W
		S								RF 1-1/2 female	S
		T								Standard type 3S clamp connection	T
		Y								Standard type 4S clamp connection	Y
		U								Extended type 4S clamp connection size 88mm	U
		4								Extended type 4S clamp connection size 101.6mm	4
		X								Other than those above	X
			1							Carbon steel	1
			7							SUS304	7
			2							SUS316	2
			8							SUS316L	8
			N							Without flange	N
			X							Other than those above	X
				2						SUS316 (Diaphragm SUS316L)	2
				3						Monel	3
				4						Tantalum	4
				9						Hastelloy C	9
				8						SUS316L	8
				T						Titanium	T
				N						Nickel	N
				X						Other than those above	X
					J					Standard	J
					A					Serration	A
					S					Smooth 125 AARH	S
					B					JIS Ra 3.2	B
					R					Ring type joint / Lense ring	R
					X					Other than those above	X

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

JTU9	Fill fluid	Flange selection					Options		Description			
		Standard	Rating	Material		Gasket surface	Length of extended	Capillary length			Option I	Option II
				Flange	Wetted parts							
									Standard	00		
									Extended length 50mm 95	05		
									Extended length 100mm 95	10		
									Extended length 150mm 95	15		
									Extended length 200mm 95	20		
									Extended length 250mm 95	25		
									Extended length 300mm 95	30		
									Extended length 350mm 95	35		
									Extended length 400mm 95	40		
									Extended length 450mm 95	45		
									Extended length 500mm 95	50		
									Extended length 550mm 95	55		
									Extended length 50mm 90	06		
									Extended length 100mm 90	11		
									Extended length 150mm 90	16		
									Extended length 200mm 90	21		
									Extended length 250mm 90	26		
									Extended length 300mm 90	31		
									Extended length 350mm 90	36		
									Extended length 400mm 90	41		
									Extended length 450mm 90	46		
									Extended length 500mm 90	51		
									Extended length 550mm 90	56		
									Other than those above	XX		
									1m	1		
									2m	2		
									3m	3		
									4m	4		
									5m	5		
									6m	6		
									7m	7		
									8m	8		
									9m	9		
									10m	A		
									1m with Olefin cover	L		
									2m with Olefin cover	B		
									3m with Olefin cover	C		
									4m with Olefin cover	H		
									5m with Olefin cover	D		
									6m with Olefin cover	J		
									7m with Olefin cover	E		
									8m with Olefin cover	F		
									9m with Olefin cover	K		
									10m with Olefin cover	G		
									Other than those above	X		

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

Selection	Options		Description	
	Option I	Option II		
	-X		No option	-X
	-L		Built-in lightning arrester	-L
	-M		Built-in analog meter	-M
	-G		Built-in analog meter (actual scale)	-G
	-U		SUS630 bolts and nuts material	-U
	-W		SUS304 bolts and nuts material	-W
	-F		Steam block (with long vent/drain plug)	-F
	-A		Corrosion-resistant finish	-A
	-B		Corrosion-proof finish	-B
	-D		Corrosion-resistant finish, silver paint	-D
	-N		1/2 NPT internal-thread electrical conduit connection	-N
	-C		Specification as compound pressure gauge	-C
	-S		Special calibration	-S
	-K		No oil finish	-K
	-P		1 cable adaptor with flame-proof packing	-P
	-Q		2 cable adaptors with flame-proof packing	-Q
	-T		With Teflon protected film (FEP)	-T
	-H		Diaphragm Au coating	-H
	-E		FEP Teflon coating	-E
	-J		Long vent/drain plug	-J
	-R		Specification for power plant application	-R
	-V		High performance type	-V
	-1		JIS special flame-proof structure	-1
	-2		JIS intrinsic-safety explosion-proof structure	-2
	-3		FM flame-proof structure	-3
	-4		FM intrinsic-safety explosion-proof structure	-4
	-5		PTB intrinsic-safety structure	-5
	-7		Process connection (for Mitsubishi refinery)	-7
	-8		Horizontal process connection	-8
	-9		Vertical process connection, right side electrical conduit	-9

**E) DSTJ3000 Ace series : Silicon semiconductor smart transmitter (Released 1992)**

Model number table

Selection	Options		Description	
	Option I	Option II		
		-XX	No option	-XX
		-A1	Adapter flange for corrosion-resistance material	-A1
		-A2	With external zero adjustment	-A2
		-A3	Built-in a resistor for SFN communication	-A3
		-A4	Burn out feature lower limit	-A4
		-A5	Burn out feature (Upper limit)	-A5
		-A6	Without burn out feature	-A6
		-A7	Water free treatment	-A7
		-A8	Scale factor sealed on built-in meter	-A8
		-A9	Analog superposed type	-A9
		-B1	With replacement kit from old type	-B1
		-B2	High accuracy type	-B2
		-B3	Connect with external outer gauge (NWS)	-B3
		-B4	Burn out feature lower limit 3.52mA (-3%)	-B4
		-B5	Analog superposed burnout feature lower limit 3.2mA (-5%)	-B5
		-B6	Burn out feature lower limit 3.2mA (-5%)	-B6
		-B7	Ceramic coating	-B7
		-B8	Countermeasure for sacrificial electrode	-B8
		-B9	Countermeasure for hydrogen permeation	-B9
		-C1	NEPSI explosion-proof structure	-C1
		-C2	NEPSI intrinsic-safety structure	-C2
		-D1	With Digital meter (for DE output)	-D1
		-D2	With Digital meter (for analog/DE output)	-D2
		-D3	With Digital meter (Single function)	-D3
		-D4	With Digital meter (Single function : Low price version)	-D4
		-D5	DE output	-D5
		-D6	DE output (Standard & Fieldbus output)	-D6
		-E1	With 1 elbow (for changing electrical conduit position)	-E1
		-E2	With 2 elbows (for changing electrical conduit position)	-E2
		-E4	Left side positioning of built-in meter	-E4
		-E5	With external zero & Span adjustment	-E5
		-E6	Without communication function (with external zero/span adjustment)	-E6
		-F3	Extended flange diameter : special	-F3
		-R1	Upper side remote only (Suppression below 1/2)	-R1
		-R2	Upper side remote only (Suppression over 1/2)	-R2
		-R7	Line mounting kit	-R7
		-R8	Tank master mounting kit	-R8
		-R4	Capillary rear connection	-R4
		-S2	With IDF 2S clamp (for sanitary use)	-S2
		-S3	With IDF 3S clamp (for sanitary use)	-S3
		-S4	With IDF 4S clamp (for sanitary use)	-S4
		-S5	With 1 silicon rubber gasket (for sanitary use)	-S5
		-U1	SI unit	-U1
		-U2	Non SI unit	-U2
		-U3	SI unit & Non SI unit double indication	-U3

#### IV. Honeywell S-Series

● Conversion table between Honeywell and Yamatake S900 & GTX

Type	Honeywell	Measuring range	Yamatake	GTX	Measuring range
Standard differential pressure	STD110	0 to 10 inH <sub>2</sub> O	STD910	GTX30D	-400 ~ 400 inH <sub>2</sub> O
	STD120	0 to 400 inH <sub>2</sub> O	STD920	GTX31D	-400 ~ 400 inH <sub>2</sub> O
	STD125	0 to 600 inH <sub>2</sub> O	STD930	GTX41D	-394 ~ 2,756 inH <sub>2</sub> O
	STD130	0 to 100 psi	STD930	GTX41D	-14 ~ 100 psi
	STD170	0 to 3,000 psi	---	---	
	STD924	0 to 400 inH <sub>2</sub> O	STD920	GTX31D	-400 ~ 400 inH <sub>2</sub> O
	STD930	0 to 100 psi	STD930	GTX41D	-14 ~ 100 psi
	STD974	0 to 3,000 psi	---	---	
Standard gauge pressure	STG140	0 to 500 psi	STG940	GTX60G	-14 ~ 498 psi
	STG14L	0 to 500 psi	PTG		
	STG14T	0 to 500 psi	TOKUMI		
	STG170	0 to 3,000 psi	STG980	GTX82G	-14 ~ 5,974 psi
	STG17L	0 to 3,000 psi	PTG		
	STG180	0 to 6,000 psi	STG980	GTX82G	-14 ~ 5,974 psi
	STG18L	0 to 6,000 psi	STG980	GTX82G	-14 ~ 5,974 psi
	STG93P	0 to 100 psig	PTG + TOKUMI		
	STG944	0 to 500 psi	STG940	GTX60G	-14 ~ 498 psi
	STG94L	0 to 500 psi	PTG		
	STG974	0 to 3,000 psi	STG980	GTX82G	-14 ~ 5,974 psi
	STG97L	0 to 3,000 psi	PTG		
	STG98L	0 to 6,000 psi	PTG		
Absolute pressure	STA122	0 to 780mmHg abs.	STA923	GTX30A	0 ~ 780mmHg abs.
	STA140	0 to 500 psi abs.	STA940	GTX60A	0 ~ 498 psi abs.
	STA922	0 to 780mmHg abs.	STA923	GTX30A	0 ~ 780mmHg abs.
	STA940	0 to 500 psi abs.	STA940	GTX60A	0 ~ 498 psi abs.
Flange type differential pressure	STF128	0 to 400 inH <sub>2</sub> O	STC929	GTX35F	-400 ~ 400 inH <sub>2</sub> O
	STF132	0 to 100 psi	STC940	GTX60F	-14 ~ 498 psi
	STF12F	0 to 400 inH <sub>2</sub> O	STC929	GTX35F	-400 ~ 400 inH <sub>2</sub> O
	STF13F	0 to 100 psi	STC940	GTX60F	-14 ~ 498 psi
	STF14F	0 to 600 inH <sub>2</sub> O	STC940	GTX60F	-394 ~ 13780 inH <sub>2</sub> O
	STF14T	0 to 500 psi	TOKUMI	GTX60F	-14 ~ 498 psi
	STF924	0 to 400 inH <sub>2</sub> O	STC929	GTX35F	-400 ~ 400 inH <sub>2</sub> O
	STF932	0 to 100 psi	STC940	GTX60F	-14 ~ 498 psi
	STF92F	0 to 400 inH <sub>2</sub> O	STC929	GTX35F	-400 ~ 400 inH <sub>2</sub> O
	STF93F	0 to 100 psi	STC940	GTX60F	-14 ~ 498 psi

● **Conversion table between Honeywell and Yamatake S900 & GTX**

Type	Honeywell	Measuring range	Yamatake	GTX	Measuring range
Remote-sealed type	STR12D	0~10 to 0~400 inH <sub>2</sub> O	STE929	GTX35R	-400 ~ 400 inH <sub>2</sub> O
	STR13D	0~5 to 0~100 psi	STE930	GTX40R	-14 ~ 100 psi
	STR14G	0~5 to 0~500 psi	STH940	GTX60U	-14 ~ 498 psi
	STR17G	0~100 to 0~3,000 psi	STH980	GTX82U	-14 ~ 5,974 psi
	STR14A	0~5 to 0~500 psi abs.	STS940	GTX60S	5 ~ 508 psi abs.
	STR93D	0 to 100 psi	STE930	GTX40R	-14 ~ 100 psi
	STR94G	0 to 500 psi	STH940	GTX60U	-14 ~ 498 psi

● **Model number meaning**

Item	Code	Description		
		Process head	Vent/Drain	Diaphragm
Material	A	Carbon steel	316 SST	316L SST
	B	Carbon steel	316 SST	Hastelloy C
	C	Carbon steel	316 SST	Monel
	D	Carbon steel	316 SST	Tantalum
	E	316 SST	316 SST	316L SST
	F	316 SST	316 SST	Hastelloy C
	G	316 SST	316 SST	Monel
	H	316 SST	316 SST	Tantalum
	J	Hastelloy C	Hastelloy C	Hastelloy C
	K	Hastelloy C	Hastelloy C	Tantalum
	L	Monel	Monel	Monel
Fill fluid	1	Silicone		
	2	CTFE (chlorotrifluoroethylene) ; Equivalent of Fluorine oil		
Process head configuration	A	1/4" NPT (for STG & STA : 9/16" - 18 Aminco)		
	H	1/2" NPT with adapter (on 1/4" NPT head)		
	G	1/2" NPT (female)		

● **Options number meaning**

Code	Description
E9	Mounting bracket : Carbon steel
SB	Mounting bracket : Stainless steel
FB	Flat mounting bracket : Carbon steel
VT	Viton process head gasket (Teflon is standard)
ME	Analog meter
SM	Smart meter
DN	Modified DIN process head : 316SS
SH	316SST electronics housing with M20 conduit connections
A1	1/2" NPT to M20 316SST conduit adapter
A2	1/2" NPT to 3/4" NPT 316SST conduit adapter
LP	Lightning protection
CC	Custom Calibration and I.D. in Memory
TC	Transmitter configuration – Non-Fieldbus
FC	Transmitter configuration – Fieldbus
WP	Write Protection
CR	A286SS (NACE) Bolts and 302/304SS (NACE) nuts
TG	Stainless steel customer wired on Tag (4 lines, 28 characters per line, customer supplied information)
TB	Stainless steel customer wired on Tag (blank)
OX	Clean transmitter for Oxygen or Chlorine service with certificate
TP	Over-pressure leak test with F3392 certificate
W1	Additional Warranty – 1year
W2	Additional Warranty – 2years
W3	Additional Warranty – 3years
W4	Additional Warranty – 4years
F1	Calibration test report and Certificate of conformance
F3	Certificate of conformance
F5	Certificate of origin
F7	NACE certificate
FF	Foundation Fieldbus communication
HC	HART protocol compatible electronics
ZS	Local Zero & Span
LZ	Local Zero

**V. Conversion matrix**

		NDI/NKI	DSTJ8000	S200	3000 Ace	NACE	S900	Honeywell
Standard differential pressure	GTX15D					JTD910A	STD910	
	GTX30D	NDI44 NKI17	KDI34 KDI35	JTD210 JTD215	JTD910 JTD915			STD110
	GTX40D							
	GTX31D		KDI22 KDI23	JTD220 JTD222	JTD920 JTD922	JTD920A	STD920	STD120 STD924
	GTX32D	NDI22 NDI33 NDI82	KDI82 KDI83	JTD216 JTD221 JTD223	JTD916 JTD921 JTD923	JTD921A	STD921	
	GTX41D	NDI11	KDI11	JTD230 JTD232	JTD930 JTD932			STD125 STD130 STD930
		NDI81	KDI81	JTD231 JTD233	JTD931 JTD933	JTD931A	STD931	
	GTX71D		KDI10Y(A) KDI10Y(B) KDI80Y(B)	JTD235 JTD260	JTD935 JTD960	JTD960A	STD960	
			KDI10Y(C) KDI80Y(C)	JTD236 JTD261	JTD936 JTD961	JTD961A	STD961	

**V. Conversion matrix**

	GTX	NDI/NKI	DSTJ8000	S200	3000 Ace	NACE	S900	Honeywell
Flange type differential pressure	GTX35F	NDI62	KDI52 KDI62 KDI53 KDI63	JTF215 JTF217 JTF218 JTF226 JTF228 JTF229	JTC915 JTC917 JTC918 JTC926 JTC928 JTC929 JTF915 JTF917 JTF918 JTF926 JTF928 JTF929	JTC929A JTF929A	STC929 STF929	STF128 STF12F STF924 STF92F
	GTX60F	NDI61	KDI51 KDI61	JTF230 JTF232 JTF233 JTF235 JTF237 JTF238 JTF240 JTF242 JTF243	JTC930 JTC932 JTC933 JTC935 JTC937 JTC938 JTC940 JTC942 JTC943 JTF930 JTF932 JTF933 JTF935 JTF937 JTF938 JTF940 JTF942 JTF943	JTC940A JTF940A	STC940 STF940	STF132 STF13F STF14F STF14T STF932 STF93F
Remote-sealed type differential pressure	GTX35R	NDI72	KDI72 KDI73	JTR215 JTR226 JTR229	JTE915 JTE926 JTE929 JTR915 JTR926 JTR929	JTE929A JTR929A	STE929 STR929	STR12D
	GTX40R	NDI71	KDI71	JTR230	JTE930 JTR930	JTE930A JTR930A	STE930 STR930	STR13D STR93D

**V. Conversion matrix**

	GTX	NDI/NKI	DSTJ8000	S200	3000 Ace	NACE	S900	Honeywell
Gauge pressure type		NKI15 NKI16	KKI15 KKI16	JTG240	JTG940	JTG940A	STG940	STG140 STG944
	GTX71G	NKI13 NKI14	KKI13 KKI14	JTG260	JTG960	JTG960A	STG960	
	GTX82G	NKI12	KKI12	JTG280	JTG980	JTG980A	STG980	STG170 STG180 STG18L STG974
Remote-sealed type gauge pressure	GTX35U					JTH920A JTU920A	STH920 STU920	
		NKI34 NKI35 NKI36	KKI75 KKI76	JTU240	JTH940 JTU940	JTH940A JTU940A	STH940 STU940	STR14G STR94G
	GTX71U	NKI33				JTH960A JTU960A	STH960 STU960	
	GTX82U	NKI32	KKI72 KKI73 KKI74	JTU260 JTU280	JTH960 JTH980 JTU960 JTU980	JTH980A JTU980A	STH980 STU980	STR17G
Absolute pressure type		NDI92 NKI27 NKI28	KKI28	JTA215 JTA222	JTA915 JTA922	JTA922A	STA923	STA122 STA922
	GTX60A	NDI91 NKI25 NKI26	KKI26	JTA240	JTA940	JTA940A	STA940	STA140 STA940
Remote-sealed type absolute pressure	GTX30S					JTS922A	STS940	
	GTX60S					JTS940A	STS960	STR14A
Can not be covered by GTX		NKI11 NKI18 NKI31	KDI46 KKI11 KKI71	JTR235 JTR260	JTE935 JTE960 JTR935 JTR960			STD170 STD974 STG14L STG14T STG17L STG93P STG94L STG97L STG98L