

# MODEL SELECTION

Model GTX35F(Flange type for standard differential pressure)  
 Model GTX60F(Flange type for high differential pressure)

Issued: Jul. 1, 2008	Page: 1-0-12
Effective: Feb. 1, 2011	UNIT: 1000YEN

Model No.:GTX\_\_F -Selection I (I II III IV V VI VII)-Selection II (I II III IV V VI)-Option

Basic Model No.

Measuring span	2.5 to 100kPa (250 to 10,160mmH <sub>2</sub> O) 70 to 3500kPa (0.35 to 35kaf/cm <sup>2</sup> )	GTX35F GTX60F	Flush flange type 3 inches (80mm)
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<b>Basic price</b>
349

Selection I

I	Output	4 to 20mA (SFN Communication)	A	
		4 to 20mA (HART Communication)	B	
		Digital output(DE communication)*5	D	
II	Fill Fluid	Regular type (Silicone oil)	A	
		For oxygen service (Fluorine oil)	H	
		For chlorine service(Fluorine oil)*1	J	
III	Material (Meterbody cover,Vent/Drain)	Meterbody cover	Vent / Drain plugs	
		SCS14A	316 SST	A
IV	Material	Reference side	Wetted part of flange side	
		316 SST	316 SST	A
		316 SST	ASTM B575	B
		316 SST	Tantalum	C
		316 SST	316L SST	D
V	Process connections of reference side	Rc 1/2, with adapter flange*4	A	
		Rc 1/4, with adapter flange*4	B	
		Rc 1/4, without adapter flange*4	C	
		1/2 NPT internal thread, with adapter flange*4	D	
		1/4 NPT internal thread, with adapter flange*4	E	
		1/4 NPT internal thread, without adapter flange*4	F	
		Open to atmosphere*3	H	
VI	Process installation of reference side	No connection*3*4	X	
		Vertical piping, top connection	A	
		Vertical piping, bottom connection	B	
VII	Flange rating	ANSI150	A1	
		ANSI300	A2	
		ANSI600	A3	
		JIS10K	J1	
		JIS20K	J3	
		JIS30K	J4	
		JIS63K	J6	
		JPI150	P1	
		JPI300	P2	
		JPI600	P3	
VIII	Flange size	3in./80A	F	
IX	Flange type	Flush type	A	
X	Flange material/bolt and nut material	Flange	Bolt/nut	
		304 SST	304 SST	A
		304 SST	Carbon steel	D
		316 SST	304 SST	E
		316 SST	Carbon steel	H
		316L SST	304 SST	J
		316L SST	Carbon steel	M
XI	Gasket face finish	None Standard JISRa3.2(12.5S)	A	

<b>Additional price</b>
0
5
0
0
43
43

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53
106
26

3
3
0
3
3
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0
0
0

0
25
25
0
25
30
90
0
25
25

0
0

11
0
51
40
61
50
0

Selection II

I	Electrical connection	1/2 NPT, Watertight	A
		M20, Watertight *2	B
II	Explosion proof	None	XX
		FM Explosionproof	F1
		FM Intrinsically safe	F2
		FM Nonincendive	F5
		Combined of FM Explosionproof, Intrinsically safe and Nonincendive	F6
		ATEX Explosionproof	A1
		ATEX Intrinsically safe	A2
		ATEX Type n	A5
		IECEX Explosionproof	E1
		IECEX Intrinsically safe	E2
		IECEX Type n	E5
		NEPSI Explosionproof	N1
		NEPSI Intrinsically safe	N2
NEPSI Type n	N5		
III	Indicator	None	X
		With indicator	A
IV	Paint	Standard	X
		Corrosion-proof (Urethane)	H
		Corrosion-resistant (Silver color)	D
V	Failure alarm	UP Scale	A
		DOWN scale	B
VI	Mounting bracket	None	X

0
5
0
8
8
8
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8
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0
20
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14
16
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- \*1 In case code J is selected, code C "Tantalum" of Wetted parts of flange side should be selected.
- \*2 Not applicable for the combination with code F1 and F6 of Explosion proof.
- \*3 In case code H is selected, code X "No connection" of Process installation of reference side should be selected.
- \*4 Not applicable for the combination with code X "No connection" of Process installation of reference side.
- \*5 Not applicable for the combination with code A2 "With external Zero/Span adjustment", Q1 "Safety Transmitter", and Q2 "NAMUR NE43 Compliant Output signal limits" of Option.



**Model GTX35F(Flange type for standard differential pressure)**  
**Model GTX60F(Flange type for high differential pressure)**

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Effective: Feb. 1, 2011	UNIT: 1000YEN

**Model No.:GTX\_ \_F -Selection I (I II III IV V VI VII)-Selection II (I II III IV V VI)-Option**

**Basic Model No.**

Measuring span	2.5 to 100kPa (250 to 10,160mmH <sub>2</sub> O)	GTX35F	Flush flange type 2 inches (50mm), 1.5inches (40mm)
	70 to 3500kPa (0.35 to 35kgf/cm <sup>2</sup> )	GTX60F	

<b>Basic price</b>
349

**Selection I**

I	Output	4 to 20mA (SFN Communication)	A	
		4 to 20mA (HART Communication)	B	
		Digital output(DE communication)*7	D	
II	Fill Fluid	Regular type (Silicone oil)	A	
		For oxygen service (Fluorine oil)	H	
		For chlorine service(Fluorine oil)*1	J	
III	Material (Meterbody cover)	Vent / Drain plugs	A	
		SCS14A	316 SST	
IV	Material	Reference side	Wetted part of flange side	
		316 SST	316 SST	A
		316 SST	ASTM B575 (Equivalent to Hastelloy C-2)	B
		316 SST	Tantalum	C
		316L SST	316L SST	D
V	Process connections of reference side	Rc 1/2, with adapter flange*6	A	
		Rc 1/4, with adapter flange*6	B	
		Rc 1/4, without adapter flange*6	C	
		1/2 NPT internal thread, with adapter flange*6	D	
		1/4 NPT internal thread, with adapter flange*6	E	
		1/4 NPT internal thread, without adapter flange*6	F	
		Open to atmosphere*5	H	
VI	Process installation of reference side	No connection*5*6	X	
		Vertical piping, top connection	A	
		Vertical piping, bottom connection	B	
VII	Flange rating	ANSI150	A1	
		ANSI300	A2	
		ANSI600	A3	
		JIS10K	J1	
		JIS20K	J3	
		JIS30K	J4	
		JIS63K	J6	
		JPI150	P1	
		JPI300	P2	
		JPI600	P3	
		VIII	Flange size	1.5in./40A *2*3
2in./50A	E			
IX	Flange type	Flash type	A	
X	Flange material/bolt and nut material	Flange	Bolt/nut	
		304 SST	304 SST	A
		304 SST	Carbon steel	D
		316 SST	304 SST	E
		316 SST	Carbon steel	H
		316L SST	304 SST	J
		316L SST	Carbon steel	M
XI	Gasket face finish	None Standard JISRa3.2(12.5S)	A	

<b>Additional price</b>
0
5
0
0
43
43

0
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0
53
106
26

3
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0
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3
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0
25
25
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25
30
90
0
25
25

0
0

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11
0
51
40
61
50
0

**Selection II**

I	Electrical connection	1/2 NPT, Watertight	A
		M20, Watertight *4	B
II	Explosion proof	None	XX
		FM Explosionproof	F1
		FM Intrinsically safe	F2
		FM Nonincendive	F5
		Combined of FM Explosionproof, Intrinsically safe and Nonincendive	F6
		ATEX Explosionproof	A1
		ATEX Intrinsically safe	A2
		ATEX Type n	A5
		IECEX Explosionproof	E1
		IECEX Intrinsically safe	E2
		IECEX Type n	E5
		NEPSI Explosionproof	N1
		NEPSI Intrinsically safe	N2
		NEPSI Type n	N5
III	Indicator	None	X
		With indicator	A
IV	Paint	Standard	X
		Corrosion-proof (Urethane)	H
		Corrosion-resistant (Silver color)	D
V	Failure alarm	UP Scale	A
		DOWN scale	B
VI	Mounting bracket	None	X

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8
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8
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8
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8
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8
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20
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14
16
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\*1 In case code J is selected, code C "Tantalum" of Wetted parts of flange side should be selected.  
 \*2 Not applicable for the combination with code J "For chlorine service" of Fill Fluid.  
 \*3 Not applicable for the combination with code C "Tantalum" Wetted parts of flange side.  
 \*4 Not applicable for the combination with code F1 and F6 of Explosion proof.  
 \*5 In case code H is selected, code X "No connection" of Process installation of reference side should be selected.  
 \*6 Not applicable for the combination with code X "No connection" of Process installation of reference side.  
 \*7 Not applicable for the combination with code A2 "With external Zero/Span adjustment", Q1 "Safety Transmitter", and Q2 "NAMUR NE43 Compliant Output signal limits" of Option.

**Model GTX35F(Flange type for standard differential pressure)**  
**Model GTX60F(Flange type for high differential pressure)**

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**Model No.:GTX\_ \_F -Selection I (I II III IV V VI VII)-Selection II (I II III IV V VI)-Option**

Basic Model No.

Measuring span	2.5 to 100kPa (250 to 10,160mmH <sub>2</sub> O)	GTX35F	Extended flange type 3 inches (80mm), 2 inches(50m)
	70 to 3500kPa (0.35 to 35kgf/cm <sup>2</sup> )	GTX60F	

<b>Basic price</b>
349

Selection I

I	Output	4 to 20mA (SFN Communication)	A
		4 to 20mA (HART Communication)	B
		Digital output(DE communication)*4	D
II	Fill Fluid	Regular type (Silicone oil)	A
		For oxygen service (Fluorine oil)	H
III	Material (Meterbody cover, Vent/Drain)	Meterbody cover	Vent / Drain plugs
		SCS14A	316 SST
IV	Material	Reference side	Wetted part of flange side
		316 SS1	316 SS1
		316 SS1	316L SS1
V	Process connections of reference side	Rc 1/2, with adapter flange*3	A
		Rc 1/4, with adapter flange*3	B
		Rc 1/4, without adapter flange*3	C
		1/2 NPT internal thread, with adapter flange*3	D
		1/4 NPT internal thread, with adapter flange*3	E
		1/4 NPT internal thread, without adapter flange*3	F
		Open to atmosphere*2	H
		VI	Process installation of reference side
VII	Flange rating	ANSI150	A1
		ANSI300	A2
		JIS10K	J1
		JIS20K	J3
		JIS30K	J4
		JPI150	P1
		JPI300	P2
VIII	Flange size	2in./50A	E
		3in./80A	F
IX	Flange type	Extended Length 50mm	B
		Extended Length 100mm	C
		Extended Length 150mm	D
X	Flange material/bolt and nut material	Flange	Bolt/nut
		304 SS1	304 SS1
		304 SS1	Carbon steel
		316 SST	304 SST
		316 SST	Carbon steel
		316L SST	304 SS1
316L SST	Carbon steel		
XI	Gasket face finish	None Standard JISRa3.2(12.5SI)	A

<b>Additional price</b>
0
5
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43

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209
3
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25
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25
30
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25

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106
116
123

11
0
51
40
61
50
0

Selection II

I	Electrical connection	1/2 NPT, Watertight	A
		M20, Watertight*1	B
II	Explosion proof	None	XX
		FM Explosionproof	F1
		FM Intrinsically safe	F2
		FM Nonincendive	F5
		Combined of FM Explosionproof, Intrinsically safe and Nonincendive	F6
		ATEX Explosionproof	A1
		ATEX Intrinsically safe	A2
		ATEX Type n	A5
		IECEX Explosionproof	E1
		IECEX Intrinsically safe	E2
		IECEX Type n	E5
		NEPSI Explosionproof	N1
		NEPSI Intrinsically safe	N2
		NEPSI Type n	N5
III	Indicator	None	X
		With indicator	A
IV	Paint	Standard	X
		Corrosion-proof (Urethane)	H
		Corrosion-resistant (Silver color)	D
V	Failure alarm	UP Scale	A
		DOWN scale	B
VI	Mounting bracket	None	X

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\*1 Not applicable for the combination with code F1 and F6 of Explosion proof.

\*2 In case code H is selected, code X "No connection" of Process installation of reference side should be selected.

\*3 Not applicable for the combination with code X "No connection" of Process installation of reference side.

\*4 Not applicable for the combination with code A2 "With external Zero/Span adjustment", Q1 "Safety Transmitter", and Q2 "NAMUR NE43 Compliant Output signal limits" of Option.

Model No.:GTX\_ \_F -Selection I (I II III IV V VI VII)-Selection II (I II III IV V VI)-Option

			Additional prices
Option	XX	No options	0
	A2	With external Zero/Span adjustment*11*16	30
	G4	Long vent/drain plugs	5
	K1	Oil and water free finish	17
	K3	Oil free finish*4	10
	L1	Au Plating Diaphragm*15	TOKUMI
	M5	0.1mm thickness diaphragm*12*13	See Table F-1
	N1	FEP protective film*14	11
	Q1	Safety Transmitter*5*16	0
	Q2	NAMUR NE43 Compliant Output signal limits:3.8 to 20.5mA (Output 21.6mA/selected upper limit, 3.6mA/selected lower limit)*16	20
	Q7	Alarm Output(contact output)*17	10
	R1	Custom calibration	5
	T1	Test report	2
	T2	Mill certificate	21
	T4	Traceability certificate	10
	T5	NACE certificate*9	5
	W1	Non SI Unit	0

\*4 No need to select when Fill Fluid code H, or J is selected.

\*5 Not applicable for the combination with code A2, or Q7 of Option

\*9 Applicable for "ASTM B575", code B of Material (center body).

\*11 Not applicable for the combination with code X "None" of Indicator. Please select "With indicator".

\*12 0.1 mm thickness diaphragm option is only available for Material of Wetted parts : "316 SST" and "316L SST".

\*13 0.1 mm thickness diaphragm option is only available for 4inches Extended Flange or 3inches Flush Flange

\*14 Not applicable for the combination with Extended Flange Type.

\*15 Not applicable for the combination with "Tantalum" of Material(center body).

\*16 Not applicable for the combination with code D "Digital output(DE communication)" of output

\*17 Not applicable for the combination with code F2,F5,F6,N2,N5,E2,E5,A2 and A5 of Explosion proof.

Table F-1

			Additional prices
0.1mm thickness diaphragm	M5	3 inches Flush Flange	130
		4 inches Extended Flange	300