

ST3000 New Ace
Electric Standard Differential pressure type

Issued : Spt. 15, 2001	Page : 14-1
Effective : Jan. 1, 2003	UNIT : 1000YEN

Model	Pressure range/style	Service (Fill fluid)	Process connection
JTD910A	0.1 to 2kPa (10 to 200mmH2O)	Lowest differential pressure	Regular service(Silicon oil) Rc1/2, 1/2NPT, Rc1/4, NPT1/4

Basic model No. Selections Options 1
 -I II III IV V -VI VII VIII IX X -Options 2

Options 2 : Refer to page 1-4-8

Basic Model No.	Measuring span	Pressure range	Model	Basic price
	0.1 to 2.0kPa (10 to 200mmH2O)		JTD910A	350

Additional price

Selections

I	Output	4 to 20mA	1		0
		4 to 20mA (Analog FSKCommunication)	2		10
		Digital output (DE protocol)	3	*2	0
II	Material	Meterbody cover	Vent/Drain plugs	Wetted parts of center body	
		SCS14A *32	SUS316	SUS316 E	0
III	Fill Fluid	Regular type (Silicone oil)	1		0
IV	Process connection	Rc 1/2, top connection	A		0
		Rc 1/2, bottom connection	B		0
		1/2 NPT internal thread, top connection	F		0
		1/2 NPT internal thread, bottom connection	G		0
		Rc 1/4, top connection	L		0
		Rc 1/4, bottom connection	M		0
		1/4 NPT internal thread, top connection	R		0
		1/4 NPT internal thread, bottom connection	S		0
V	Bolt/nut	SUS304	2		0

Options 1

VI	Electrical connection / explosion-proof	G1/2, Watertight	X		0
		G1/2, JIS Flameproof with 1 pc. Of cable gland attached.	2		14
		G1/2, JIS Flameproof with 2 pcs. Of cable gland attached.	3		23
		G1/2, intrinsically safe *3	6		5
		1/2 NPT, Watertight	A		0
VII	Built-in indicating smart meter	None	X		0
		0 to 100 % linear scales *1	1		25
		Engineering unit scales *1	2		30
VIII	Finish	Standard	X		0
		Corrosion-resistant	A		11
		Corrosion-proof	B		14
		Corrosion-resistant (Silver coating)	D		16
IX	Burnout feature	None *2	X		0
		Upper limit of output at abnormal condition	U		7
		Lower limit of output at abnormal condition	D		7
X	Mounting Bracket	None	X		0
		Carbon steel	1		3
		SUS304	2		10

Notes

- 1 Renge should be informed to IBD/Factory at Purchase order. Digital output(DE protocol) should be selected with upper/lower direction of burn out feature.
- 2 Digital output(DE protocol) can not be combined with an external zero adjustment function.
- 3 Analog FSK Communication can not be combined with JIS intrinsically safe.
- 32 SCS14A (equivalent to SUS316) or SUSF316

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Model	Pressure range / Style		Service (Fill fluid)	Process connection
JTD920A	0.75 to 100 kPa (75 to 10160 mmH ₂ O)	Medium differential pressure	Regular service (Silicone oil)	RC1/2, 1/2NPT, Rc1/4 NPT1/4
JTD930A	35 to 700 kPa (0.35 to 7 kgf/cm ²)	High differential pressure	Regular service (Silicone oil)	RC1/2, 1/2NPT, Rc1/4 NPT1/4
JTD960A	0.25 to 14 Mpa (2.5 to 140 kgf/cm ²)	Super high differential pressure	Regular service (Silicone oil)	RC1/2, 1/2NPT, Rc1/4 NPT1/4

Selections Options 1

Basic model No. -I II III IV V -VI VII VIII IX X -Options 2

Options 2 : Refer to page 1-4-8

Basic Model No.				Basic price
Measuring span	0.75 to 100kPa (75 to 10160mmH ₂ O)		JTD920A	310
	35 to 700kPa (0.35 to 7kgf/cm ²)		JTD930A	321
	0.25 to 14MPa (2.5 to 140kgf/cm ²)		JTD960A	382

Additional price

Selections

I	Output								
	4 to 20mA			1					0
	4 to 20mA (Analog FSKCommunication)			2	*3				10
	Digital output (DE protocol)			3	*2				0
II	Material	Meterbody cover	Vent / Drain plugs	Welded parts of center body					
	*9 Carbon steel Zn plating	SUS316	SUS316	A					0
	*8, *9 Carbon steel Zn plating	SUS316	Hastelloy C	B					87
	*5, *9 Carbon steel Zn plating	SUS316	Tantalum	D					190
	*8 SCS14A *32	SUS316	SUS316	E					15
	*5 SCS14A *32	SUS316	Hastelloy C	F					103
	*5 SCS14A *32	SUS316	Tantalum	H					205
	*5 SCS14A *32	SUS316	SUS316L	K					85
	*4, *5, *6, *10 PVC	PVC	Tantalum	P					205
III	Fill Fluid	Regular type (Silicone oil)			1				0
IV	Process connection	Rc 1/2, top connection			A				0
		Rc 1/2, bottom connection			B				0
		1/2 NPT internal thread, top connection			F				0
		1/2 NPT internal thread, bottom connection			G				0
		Rc 1/4, top connection			L				0
		Rc 1/4, bottom connection			M				0
		1/4 NPT internal thread, top connection			R				0
		1/4 NPT internal thread, bottom connection			S				0
		Δ Probe bottom			w				10
V	Bolt/nut	Carbon steel			1				0
		SUS304			2				11
		SUS630			3				35

Options 1

VI	Electrical connection / explosion-proof	G1/2, Watertight		X				0
		G1/2, JIS Flameproof with 1 pc. Of cable gland attached.		2				14
		G1/2, JIS Flameproof with 2 pcs. Of cable gland attached.		3				23
		G1/2 JIS Intrinsically Safe *3		6				5
		1/2 NPT, Watertight		A				0
VII	Built-in indicating smart meter	None		X				0
		0 to 100 % linear scales *1		1				25
		Engineering unit scales *1		2				30
VIII	Finish	Standard		X				0
		Corrosion-resistant		A				11
		Corrosion-proof		B				14
		Corrosion-resistant (Silver coating)		D				16
IX	Burnout feature	None *2		X				0
		Upper limit of output at abnormal condition		U				7
		Lower limit of output at abnormal condition		D				7
X	Mounting Bracket	None		X				0
		Carbon steel		1				3
		SUS304		2				10

Note 1 Renge should be informed to IBD/Factory at Purchase order. Digital output(DE protocol) should be selected with upper/lower direction of burn out feature.

2 Digital output(DE protocol) can not be combined with an external zero adjustment function.

3 Analog FSK Communication can not be combined with JIS intrinsically safe.

4 JTD960A is not available for meterbody cover material PVC.

5 The pitch is 82mm. To change the pitch to 54mm (standard pitch), should be selected adapter flange ("A1" of Option 2).

6 When meterbody cover material is PVC, option 2 should be selected "V" as bolt/nut SUS304.

7 For JTD960A, the pitch is 82mm. To change the pitch to 54mm (standard pitch) should be selected adapter flange ("A1" of Option 2).

9 This can be selected for the meterbody cover if the process fluid contains hydro-carbon or H₂S which used for Refinery/Petrochemical. When you selected this, contact to IBD/Factory.

10 When meterbody cover material is PVC, Manifold valve (MVGZ) and/or Integral orifice (KEE) can not be combined with.

32 SCS14A (equivalent to SUS316) or SUS316

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Model	Pressure range/style	Service (Fill fluid)	Process connection	
JTD921A	0.75 to 100kPa (75 to 10160mmH2O)	High static pressure for medium differential pressure	Regular service(Silicon oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4
JTD931A	35 to 700kPa (0.35 to 7kgf/cm2)	High static pressure for high differential pressure	Regular service(Silicon oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4
JTD961A	0.25 to 14MPa (2.5 to 140kgf/cm2)	High static pressure for super high differential pressure	Regular service(Silicon oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4

Basic model No. -I II III IV V -VI VII VIII IX X -Options 2

Options 2 : Refer to page 1-4-8

Basic Model No.			Basic price
Measuring span	0.75 to 100kPa(75 to 10160mmH2O)	JTD921A	380
	35 to 700kPa(0.35 to 7kgf/cm2)	JTD931A	380
	0.25 to 14MPa(2.5 to 140kgf/cm2)	JTD961A	452

Selections						Additional price
I	Output	4 to 20mA	1			0
		4 to 20mA (Analog FSKCommunication)	2			10
		Digital output (DE protocol)	3	*2		0
II	Material	Meterbody cover	Vent/Drain plugs	Wetted parts of center body		
		*8 Carbon steel Zn plating	SUS316	SUS316	A	0
		SCS14A *32	SUS316	SUS316	E	0
III	Fill Fluid	Regular type (Silicone oil)	1			0
IV	Process connection	Rc 1/2, top connection	*40	A		0
		Rc 1/2, bottom connection	*40	B		0
		1/2 NPT internal thread, top connection	*40	F		0
		1/2 NPT internal thread, bottom connection	*40	G		0
		Rc 1/4, top connection		L		0
		Rc 1/4, bottom connection		M		0
		1/4 NPT internal thread, top connection		R		0
1/4 NPT internal thread, bottom connection		S		0		
V	Bolt/nut	Carbon steel	1			0
		SUS304	2			20
		SUS630	3			100
Options 1						-
VI	Electrical connection / explosion-proof	G1/2, Watertight		X		0
		G1/2, JIS Flameproof with 1 pc. Of cable gland attached.		2		14
		G1/2, JIS Flameproof with 2 pcs. Of cable gland attached.		3		23
		G1/2, intrinsically safe *3		6		5
		1/2 NPT, Watertight		A		0
VII	Built-in indicating smart meter	None		X		0
		0 to 100 % linear scales *1		1		25
		Engineering unit scales *1		2		30
VIII	Finish	Standard		X		0
		Corrosion-resistant		A		11
		Corrosion-proof		B		14
		Corrosion-resistant (Silver coating)		D		16
IX	Burnout feature	None *2		X		0
		Upper limit of output at abnormal condition		U		7
		Lower limit of output at abnormal condition		D		7
X	Mounting Bracket	None		X		0
		Carbon steel		1		3
		SUS304		2		10

Notes

- 1 Renge should be informed to IBD/Factory at Purchase order.Digital output(DE protocol) should be selected with upper/lower direction of burn out feature.
- 2 Digital output(DE protocol) can not be combined with an external zero adjustment function.
- 3 Analog FSK Communication can not be combined with JIS intrinsically safe.
- 7 For JTD960A, the pitch is 82mm. To change the pitch to 54mm (standard pitch) should be selected adapter flange ("A1" of Option 2).
- 32 SCS14A (equivalent to SUS316) or SUSF316
- 40 Not available with NZ16 High Pressure Manifold Valve.

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Model	Pressure range/style	Service (Fill fluid)	Process connection
JTD910A	0.1 to 2kPa (10 to 200mmH2O)	Lowest differential pressure Oxygen service (Fluorine oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4

Basic model No. Selections Options 1 -Options 2 Options 2 : Refer to page 1-4-8

Basic Model No.				Basic price
Measuring span	0.1 to 2.0kPa(10 to 200mmH2O)	JTD910A		350

Selections				Additional price	
I	Output	4 to 20mA	1	0	
		4 to 20mA (Analog FSKCommunication)	2	10	
		Digital output (DE protocol)	3 *2	0	
II	Material	Meterbody cover	Vent/Drain plugs	Wetted parts of center body	
		SCS14A *32	SUS316	SUS316	E
III	Fill Fluid	For oxygen service (Fluorine oil)	2	36	
IV	Process connection	Rc 1/2, top connection	A	0	
		Rc 1/2, bottom connection	B	0	
		1/2 NPT internal thread, top connection	F	0	
		1/2 NPT internal thread, bottom connection	G	0	
		Rc 1/4, top connection	L	0	
		Rc 1/4, bottom connection	M	0	
		1/4 NPT internal thread, top connection	R	0	
		1/4 NPT internal thread, bottom connection	S	0	
	Δ Probe bottom connection	w	10		
V	Bolt/nut	SUS304	2	0	

Options 1						
VI	Electrical connection / explosion-proof	G1/2, Watertight	X		0	
		G1/2, JIS Flameproof with 1 pc. Of cable gland attached.	2		14	
		G1/2, JIS Flameproof with 2 pcs. Of cable gland attached.	3		23	
		G1/2, intrinsically safe *3	6		5	
		1/2 NPT, Watertight	A		0	
VII	Built-in indicating smart meter	None	X		0	
		0 to 100 % linear scales *1	1		25	
		Engineering unit scales *1	2		30	
VIII	Finish	Standard	X		0	
		Corrosion-resistant	A		11	
		Corrosion-proof	B		14	
		Corrosion-resistant (Silver coating)	D		16	
IX	Burnout feature	None *2	X		0	
		Upper limit of output at abnormal condition	U		7	
		Lower limit of output at abnormal condition	D		7	
X	Mounting Bracket	None	X		0	
		Carbon steel	1		3	
		SUS304	2		10	

Notes

- 1 Renge should be informed to IBD/Factory at Purchase order. Digital output(DE protocol) should be selected with upper/lower direction of burn out feature.
- 2 Digital output(DE protocol) can not be combined with an external zero adjustment function.
- 3 Analog FSK Communication can not be combined with JIS intrinsically safe.
- 32 SCS14A (equivalent to SUS316) or SUSF316

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Model	Pressure range/style	Service (Fill fluid)	Process connection	
JTD920A	0.75 to 100kPa (75 to 10160mmH2O)	Medium differential pressure	Oxygen service(Fluorine oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4
JTD930A	35 to 700kPa (0.35 to 7kgf/cm2)	High differential pressure	Oxygen service(Fluorine oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4
JTD960A	0.25 to 14MPa (2.5 to 140kgf/cm2)	Super high differential pressure	Oxygen service(Fluorine oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4

Basic model No. Selections Options 1 -Options 2 Options 2 : Refer to page 1-4-8

Basic Model No.	Measuring span	Pressure range/style	Model	Basic price
	Measuring span	0.75 to 100kPa (75 to 10160mmH2O)	JTD920A	310
		35 to 700kPa (0.35 to 7kgf/cm2)	JTD930A	321
		0.25 to 14MPa (2.5 to 140kgf/cm2)	JTD960A	382

Selections				Additional price		
I	Output	4 to 20mA	1	0		
		4 to 20mA (Analog FSKCommunication)	2	10		
		Digital output (DE protocol)	3 *2	0		
II	Material	Meterbody cover	Vent/Drain plugs	Wetted parts of center body		
		*3 SCS14A *32	SUS316	SUS316	E	0
		*5 SCS14A *32	SUS316	Hastelloy C	F	87
		*5 SCS14A *32	SUS316	Tantalum	H	190
		*4, *5, *6, *10 PVC	PVC	SUS316L	K	70
		Tantalum	P	205		
III	Fill Fluid	For oxygen service (Fluorine oil)	2	36		
IV	Process connection	Rc 1/2, top connection	A	0		
		Rc 1/2, bottom connection	B	0		
		1/2 NPT internal thread, top connection	F	0		
		1/2 NPT internal thread, bottom connection	G	0		
		Rc 1/4, top connection	L	0		
		Rc 1/4, bottom connection	M	0		
		1/4 NPT internal thread, top connection	R	0		
		1/4 NPT internal thread, bottom connection	S	0		
	Δ Probe bottom connection	w	10			
V	Bolt/nut	Carbon steel	1	0		
		SUS304	2	11		
		SUS630	3	35		
Options 1						
VI	Electrical connection / explosion-proof	G1/2, Watertight	X	0		
		G1/2, JIS Flameproof with 1 pc. Of cable gland attached.	2	14		
		G1/2, JIS Flameproof with 2 pcs. Of cable gland attached.	3	23		
		G1/2, intrinsically safe *3	6	5		
		1/2 NPT, Watertight	A	0		
VII	Built-in indicating smart meter	None	X	0		
		0 to 100 % linear scales *1	1	25		
		Engineering unit scales *1	2	30		
VIII	Finish	Standard	X	0		
		Corrosion-resistant	A	11		
		Corrosion-proof	B	14		
		Corrosion-resistant (Silver coating)	D	16		
IX	Burnout feature	None *2	X	0		
		Upper limit of output at abnormal condition	U	7		
		Lower limit of output at abnormal condition	D	7		
X	Mounting Bracket	None	X	0		
		Carbon steel	1	3		
		SUS304	2	10		

Notes

- 1 Renge should be informed to IBD/Factory at Purchase order. Digital output(DE protocol) should be selected with upper/lower direction of burn out feature.
- 2 Digital output(DE protocol) can not be combined with an external zero adjustment function.
- 3 Analog FSK Communication can not be combined with JIS intrinsically safe.
- 4 JTD960A is not available for meterbody cover material PVC.
- 5 The pitch is 82mm. To change the pitch to 54mm (standarrd pitch), should be selected adapter flange ("A1" of Option 2).
- 6 When meterbody cover material is PVC, option 2 should be selected "V" as bolt/nut SUS304.
- 7 For JTD960A, the pitch is 82mm. To change the pitch to 54mm (standard pitch) should be selected adapter flange ("A1" of Option 2).
- 9 This can be selected for the meterbody cover if the process fluid contains hydor-carbon or H2S which used for Refinery/Petrochemical. When you selected this, contact to IBD/Factory.
- 10 When meterbody cover material is PVC, Manihold valve (MVGZ) and/or Integral orifice (KEE) can not be combined with.
- 32 SCS14A (equivalent to SUS316) or SUSF316

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Model	Pressure range/style		Service (Fill fluid)	Process connection
JTD921A	0.75 to 100kPa (75 to 10160mmH2O)	High static pressure for medium differential pressure	Oxygen service(Fluorine oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4
JTD931A	35 to 700kPa (0.35 to 7kgf/cm2)	High static pressure for high differential pressure	Oxygen service(Fluorine oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4
JTD961A	0.25 to 14MPa (2.5 to 140kgf/cm2)	High static pressure for super high differential pressure	Oxygen service(Fluorine oil)	Rc1/2, 1/2NPT, Rc1/4, NPT1/4

Basic model No. Selections Options 1 -Options 2 Options 2 : Refer to page 1-4-8

Basic Model No.				Basic price
Measuring span	0.75 to 100kPa (75 to 10160mmH2O)		JTD921A	380
	35 to 700kPa (0.35 to 7kgf/cm2)		JTD931A	380
	0.25 to 14MPa (2.5 to 140kgf/cm2)		JTD961A	452

							Additional price
Selections							
I	Output	4 to 20mA		1			0
		4 to 20mA (Analog FSKCommunication)		2			10
		Digital output (DE protocol)		3	*2		0
II	Material	Meterbody cover	Vent/Drain plugs	Wetted parts of center body			
		SCS14A *32	SUS316	SUS316	E		0
III	Fill Fluid	For oxygen service (Fluorine oil)			2		36
IV	Process connection	Rc 1/2, top connection		*40	A		0
		Rc 1/2, bottom connection		*40	B		0
		1/2 NPT internal thread, top connection		*40	F		0
		1/2 NPT internal thread, bottom connection		*40	G		0
		Rc 1/4, top connection			L		0
		Rc 1/4, bottom connection			M		0
		1/4 NPT internal thread, top connection			R		0
		1/4 NPT internal thread, bottom connection			S		0
V	Bolt/nut	Carbon steel			1		0
		SUS304			2		20
		SUS630			3		100
Options 1							
VI	Electrical connection / explosion-proof	G1/2, Watertight			X		0
		G1/2, JIS Flameproof with 1 pc. Of cable gland attached.			2		14
		G1/2, JIS Flameproof with 2 pcs. Of cable gland attached.			3		23
		G1/2, intrinsically safe *3			6		5
		1/2 NPT, Watertight			A		0
VII	Built-in indicating smart meter	None			X		0
		0 to 100 % linear scales *1			1		25
		Engineering unit scales *1			2		30
VIII	Finish	Standard			X		0
		Corrosion-resistant			A		11
		Corrosion-proof			B		14
		Corrosion-resistant (Silver coating)			D		16
IX	Burnout feature	None *2			X		0
		Upper limit of output at abnormal condition			U		7
		Lower limit of output at abnormal condition			D		7
X	Mounting Bracket	None			X		0
		Carbon steel			1		3
		SUS304			2		10

Notes

- 1 Renge should be informed to IBD/Factory at Purchase order. Digital output(DE protocol) should be selected with upper/lower direction of burn out feature.
- 2 Digital output(DE protocol) can not be combined with an external zero adjustment function.
- 3 Analog FSK Communication can not be combined with JIS intrinsically safe.
- 7 For JTD960A, the pitch is 82mm. To change the pitch to 54mm (standard pitch) should be selected adapter flange ("A1" of Option 2).
- 32 SCS14A (equivalent to SUS316) or SUSF316
- 40 Not available with NZ16 High Pressure Manifold Valve.

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Model	Pressure range/style	Service (Fill fluid)	Process connection
JTD920A	0.75 to 100kPa (75 to 10160mmH2O)	Medium differential pressure	Chlorine service(Fluorine oil)
JTD930A	35 to 700kPa (0.35 to 7kgf/cm2)	High differential pressure	Chlorine service(Fluorine oil)
JTD960A	0.25 to 14MPa (2.5 to 140kgf/cm2)	Super high differential pressure	Chlorine service(Fluorine oil)

Basic model No. Selections Options 1 -Options 2 Options 2 : Refer to page 1-4-8

Basic Model No.	Measuring span	Pressure range (kPa)	Model	Basic price
	0.75 to 100kPa (75 to 10160mmH2O)		JTD920A	310
	35 to 700kPa (0.35 to 7kgf/cm2)		JTD930A	321
	0.25 to 14MPa (2.5 to 140kgf/cm2)		JTD960A	382

Selections							Additional price
I	Output	4 to 20mA	1				0
		4 to 20mA (Analog FSKCommunication)	2				10
		Digital output (DE protocol)	3	*2			
II	Material	Meterbody cover	Vent/Drain plugs	Wetted parts of center body			
		*5 SCS14A *32	SUS316	Tantalum	H		190
		*4, *5, *6, *10 PVC *3	PVC	Tantalum	P		205
III	Fill Fluid	For Chlorine service (Fluorine oil)			5		36
IV	Process connection	Rc 1/2, top connection	A			0	
		Rc 1/2, bottom connection	B			0	
		1/2 NPT internal thread, top connection	F			0	
		1/2 NPT internal thread, bottom connection	G			0	
		Rc 1/4, top connection	L			0	
		Rc 1/4, bottom connection	M			0	
		1/4 NPT internal thread, top connection	R			0	
		1/4 NPT internal thread, bottom connection	S			0	
	D Probe bottom connection	w			10		
V	Bolt/nut	Carbon steel	1			0	
		SUS304	2			11	
		SUS630	3			35	
Options 1							
VI	Electrical connection / explosion-proof	G1/2, Watertight	X			0	
		G1/2, JIS Flameproof with 1 pc. Of cable gland attached.	2			14	
		G1/2, JIS Flameproof with 2 pcs. Of cable gland attached.	3			23	
		G1/2, intrinsically safe *3	6			5	
		1/2 NPT, Watertight	A			0	
VII	Built-in indicating smart meter	None	X			0	
		0 to 100 % linear scales *1	1			25	
		Engineering unit scales *1	2			30	
VIII	Finish	Standard	X			0	
		Corrosion-resistant	A			11	
		Corrosion-proof	B			14	
		Corrosion-resistant (Silver coating)	D			16	
IX	Burnout feature	None *2	X			0	
		Upper limit of output at abnormal condition	U			7	
		Lower limit of output at abnormal condition	D			7	
X	Mounting Bracket	None	X			0	
		Carbon steel	1			3	
		SUS304	2			10	

Notes

- 1 Renge should be informed to IBD/Factory at Purchase order. Digital output(DE protocol) should be selected with upper/lower direction of burn out feature.
- 2 Digital output(DE protocol) can not be combined with an external zero adjustment function.
- 3 Analog FSK Communication can not be combined with JIS intrinsically safe.
- 4 JTD960A is not available for meterbody cover material PVC
- 5 The pitch is 82mm. To change the pitch to 54mm (standard pitch), should be selected adapter flange ("A1" of Option 2).
- 6 When meterbody cover material is PVC, option 2 should be selected "V" as bolt/nut SUS304.
- 7 For JTD960A, the pitch is 82mm. To change the pitch to 54mm (standard pitch) should be selected adapter flange ("A1" of Option 2).
- 9 This can be selected for the meterbody cover if the process fluid contains hydrocarbon or H2S which used for Refinery/Petrochemical. When you selected this, contact to IBD/Factory.
- 10 When meterbody cover material is PVC, Manifold valve (MVGZ) and/or Integral orifice (KEE) can not be combined with.
- 32 SCS14A (equivalent to SUS316) or SUS316

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			Additional prices
Options 2	XX	No options	0
	A1	Adapter flange for corrosion-resistant application (SUS316L or Tantalum for the wetted parts of centerbody)	15
	A2	External Zero adjustment *2	30
	A4	Lightning arrestor	18
	A5	Long vent/drain plugs	10
	B2	Steam block	25
	B7	For mounting a high load resistance smart meter *23	0
	C1	Color : Red (Munsell 5R4/13)	20
	C2	Color : Yellow (Munsell 2.5Y8/16))	20
	C3	Color : Blue (Munsell 7.5BG7/2)	20
	C7	Process connection ; reverse	0
	D1	Water free finish (included oil free finish) *16, *17	29
	D2	Oil free finish *16, *17	19
	G1	One elbow (left)	2
	G2	One elbow (right)	2
	G3	2 elbows	4
	J8	Special burn-out feature (3.2mA) *18	20
	T1	Test report	2
	T2	Material certificate *19	21
	T5	Strength calculation sheet *33	15
T6	Withstand pressure and Airtight test *34	40	
T8	Traceability certificate	10	
U2	Non-SI unit conformance	0	

Note

- 2 Digital output (DE protocol) can not be combined with an External zero adjustment function.
- 16 When the fill fluid is for oxygen or chroline service, there is no need to select.
- 17 The carbon steel for meterbody cover material is not available for this option.
- 18 "Lower limit of output at abnormal condition" - code D must be selected for Options 1 "V", Burnout feature.
- 19 Available only for material of wetted part.
- 20 When order-entry, designed pressure and designed temperature are required.
- 21 When ordering, resistant pressure and gas-tightness test pressure are required.
- 22 Steam block is not available for model JTD921/931/961.
- 23 When this transmitter connected with NW35, NWS300, this option must be selected.
- 33 Specify design pressure and design temperature.
- 34 Specify required test pressures (up to the max. working pressure).