

Ordering information

Basic ordering information model 266MST Differential Pressure Transmitter

Select one character or set of characters from each category and specify complete catalog number.

Refer to additional ordering information and specify one or more codes for each transmitter if additional options are required.

Base model – 1 st to 6 th characters				266MST	X	X	X	X	X	X	X
Differential pressure transmitter, base accuracy 0.04 %											
Sensor Span Limits – 7 th character											
0.05 and 1 kPa	0.5 and 10 mbar	0.2 and 4 in. H2O	(Note 1)	A							
0.2 and 6 kPa	2 and 60 mbar	0.8 and 24 in. H2O		C							
0.4 and 40 kPa	4 and 400 mbar	1.6 and 160 in. H2O		F							
2.5 and 250 kPa	25 and 2500 mbar	10 and 1000 in. H2O		L							
20 and 2000 kPa	0.2 and 20 bar	2.9 and 290 psi		N							
100 and 10000 kPa	1 and 100 bar	14.5 and 1450 psi		R							
Maximum Working Pressure – 8 th character											
1 MPa	10 bar	145 psi	(Only available with Process Flanges code P)		Y						
2 MPa	20 bar	290 psi	(Only available with Sensor Span Limits code A)		W						
16 MPa	160 bar	2320 psi	(Not available with Sensor Span Limits code A)		C						
25 MPa	250 bar	3625 psi	(Not available with Sensor Span Limits code A)		Z						
41 MPa	410 bar	5945 psi	(Not available with Sensor Span Limits code A)		T						
Diaphragm Material / Fill Fluid – 9 th character											
AISI 316L SST (1.4435)	Silicone oil			NACE	S						
Hastelloy C-276	Silicone oil			NACE	K						
Monel 400	Silicone oil			NACE	M						
Monel 400 gold-plated	Silicone oil			NACE	V						
Tantalum	Silicone oil			NACE	T						
AISI 316L SST (1.4435)	Inert fluid – Galden	(Suitable for oxygen applications)		NACE	A						
Hastelloy C-276	Inert fluid – Galden	(Suitable for oxygen applications)		NACE	F						
Monel 400	Inert fluid – Galden	(Suitable for oxygen applications)		NACE	C						
Monel 400 gold-plated	Inert fluid – Galden	(Suitable for oxygen applications)		NACE	Y						
Tantalum	Inert fluid – Galden	(Suitable for oxygen applications)		NACE	D						
Process Flanges and Adapters Material / Connection – 10 th character											
AISI 316L SST (1.4404 / 1.4408)	1/4-18 NPT female direct	(horizontal connection)		NACE	A						
AISI 316L SST (1.4404 / 1.4408)	1/2-14 NPT female through adapter	(horizontal connection)		NACE	B						
AISI 316L SST (1.4404 / 1.4408)	1/4-18 NPT female direct (DIN 19213)	(horizontal connection)		NACE	C						
Hastelloy C-276	1/4-18 NPT female direct	(horizontal connection)		NACE	D						
Hastelloy C-276	1/2-14 NPT female through adapter	(horizontal connection)		NACE	E						
Monel 400	1/4-18 NPT female direct	(horizontal connection)		NACE	G						
Monel 400	1/2-14 NPT female through adapter	(horizontal connection)		NACE	H						
Kynar (PVDF)	1/4-18 NPT female direct (MWP = 1 MPa)	(insert on side of flange)			P						
AISI 316L SST (1.4404 / 1.4408)	1/4-18 NPT female direct	(vertical connection)		NACE	Q						

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Bolts Material / Gaskets Material – 11 th character									
AISI 316L SST	Viton	(Suitable for oxygen applications)	NACE	3					
AISI 316L SST	PTFE (Max. 25 MPa / 250 bar / 3625 psi)		NACE	4					
AISI 316L SST	EPDM		NACE	5					
AISI 316L SST	Perbunan		NACE	6					
AISI 316L SST	Graphite		NACE	7					
AISI 316L SST	FEP (Only available with Kynar (PVDF) process connection)		NACE	T					
Housing Material / Electrical Connection – 12 th character									
Aluminium alloy (Barrel type)	1/2-14 NPT							A	
Aluminium alloy (Barrel type)	M20 x 1.5							B	
Aluminium alloy (Barrel type)	Harting Han connector	(General purpose only)	(Note 2)					E	
Aluminium alloy (Barrel type)	Fieldbus connector	(General purpose only)	(Note 2)					G	
AISI 316L SST (Barrel type)	1/2-14 NPT							S	
AISI 316L SST (Barrel type)	M20 x 1.5							T	
Aluminium alloy (DIN type)	M20 x 1.5							J	
Aluminium alloy (DIN type)	Harting Han connector	(General purpose only)	(Note 2)					K	
Aluminium alloy (DIN type)	Fieldbus connector	(General purpose only)	(Note 2)					W	
AISI 316L SST (Barrel type)	Fieldbus connector	(General purpose only)	(Note 2)					Z	
Output – 13 th character									
HART digital communication and 4 to 20 mA (No additional options)									H
HART digital communication and 4 to 20 mA (Options requested by "Additional ordering code")									1
PROFIBUS PA (No additional options)									P
PROFIBUS PA (Options requested by "Additional ordering code")									2
FOUNDATION Fieldbus (No additional options)									F
FOUNDATION Fieldbus (Options requested by "Additional ordering code")									3
HART digital communication and 4 to 20 mA with SIL2 declaration of conformity (No additional options)									T
HART digital communication and 4 to 20 mA with SIL2 declaration of conformity (Options requested by "Additional ordering code")									8

Additional ordering information for model 266MST

Add one or more 2-digit code(s) after the basic ordering information to select all required options.

		XX	XX	XX
Accuracy				
Base accuracy 0.025 %	(Note 3)	D1		
Vent and Drain Valve Material / Position				
AISI 316L SST (1.4404)	On process axis	NACE	V1	
AISI 316L SST (1.4404)	On flanges side top	NACE	V2	
AISI 316L SST (1.4404)	On flanges side bottom	NACE	V3	
Hastelloy C-276	On process axis	NACE	V4	
Hastelloy C-276	On flanges side top	NACE	V5	
Hastelloy C-276	On flanges side bottom	NACE	V6	
Monel 400	On process axis	NACE	V7	
Monel 400	On flanges side top	NACE	V8	
Monel 400	On flanges side bottom	NACE	V9	
Explosion Protection Certification				
ATEX Group II Category 1 GD - Intrinsic Safety Ex ia				E1
ATEX Group II Category 1/2 GD - Flameproof Ex d				E2
ATEX Group II Category 3 GD - Type of protection "N" Ex nL design compliance				E3
FM approval (Canada, CSA) Class I, II, Div. 1, 2, Group A to F (XP, IS, NI) (Only available with 1/2-14 NPT or M20 electrical connections)				E4
FM approval (USA) Class I, II, Div. 1, 2, Group A to F (XP, IS, NI) (Only available with 1/2-14 NPT or M20 electrical connections)				E6
FM approvals (USA and Canada) Intrinsic Safety				EA
FM approvals (USA and Canada) Explosion Proof				EB
FM approvals (USA and Canada) Non Incendive				EC
Combined ATEX, FM and CSA (Only available with 1/2-14 NPT or M20 electrical connections)				EN
Combined ATEX - Intrinsic Safety, Flameproof and Type „N“				EW
IEC Approval Group II Category 1 GD - Intrinsic Safety Ex ia				E8
IEC Approval Group II Category 1/2 GD - Flameproof Ex d				E9
IEC Approval Group II Category 3 GD - Type of protection "N" Ex nL design compliance				ER

Additional ordering information for model 266MST	XX	XX	XX	XX	XX	XX
Other hazardous area certifications						
GOST (Russia) Ex ia	W1					
GOST (Russia) Ex d	W2					
GOST (Kazakhstan) Ex ia	W3					
GOST (Kazakhstan) Ex d	W4					
Inmetro (Brazil) Ex ia	W5					
Inmetro (Brazil) Ex d	W6					
Inmetro (Brazil) Ex nL	W7					
Integral LCD						
With integral LCD display	L1					
TTG (Through The Glass) integral digital LCD display	L5					
Mounting bracket (shape and material)						
For pipe mounting / Carbon steel (Not suitable for AISI housing)				B1		
For pipe mounting / AISI 316 ss (Not suitable for AISI housing)				B2		
For wall mounting / Carbon steel (Not suitable for AISI housing)				B3		
For wall mounting / AISI 316 ss (Not suitable for AISI housing)				B4		
Flat type / AISI 316L ss, for AISI housing				B5		
Surge / Transient Protector						
With integral surge / transient protector					S2	
Language of Documentation						
German						M1
Italian						M2
Spanish						M3
French						M4
English						M5
Label and Tag Language						
German						T1
Italian						T2
Spanish						T3
French						T4

Additional ordering information for model 266MST	XX	XX	XX	XX	XX
Additional Tag Plate					
Supplemental wired-on stainless steel plate (4 lines, 32 characters each)	I1				
Laser printing of tag on stainless steel plate	I2				
Configuration					
Standard pressure = inH2O / psi at 68 °F		N2			
Standard pressure = inH2O / psi at 39.2 °F		N3			
Standard pressure = inH2O / psi at 20 °C		N4			
Standard pressure = inH2O / psi at 4 °C		N5			
Custom		N6			
Preparation Procedure					
Oxygen service cleaning, Pmax = 12 MPa (120 bar, 1740 psi) or maximum working pressure (lower value), Tmax = 60 °C / 140 °F (only with inert fill / viton gasket)				P1	
Hydrogen service preparation				P2	
Certificates					
Inspection certificate EN 10204-3.1 of calibration					C1
Inspection certificate EN 10204-3.1 of the cleanliness stage					C3
Inspection certificate EN 10204-3.1 of helium leakage test of the sensor module					C4
Inspection certificate EN 10204-3.1 of the pressure test					C5
Certificate of compliance with the order EN 10204-2.1 of instrument design					C6
Overfill protection					C9
Separate calibration record					CC
PMI test of wetted parts					CT
Approvals					
GOST (Russia) without Ex					Y1
GOST (Kazakhstan) without Ex					Y2
GOST (Ukraine) without Ex					Y3
GOST (Belarus) without Ex					Y4
DNV approval					YA
Lloyd approval					YB
Approval for Custody Transfer					YC
Bureau Veritas approval					YD

Additional ordering information for model 266MST		XX	XX	XX
Material Traceability				
Certificate of compliance with the order EN 10204-2.1 of process wetted parts		H1		
Inspection certificate EN 10204-3.1 of pressure-bearing and process wetted parts with analysis certificates as material verification (Note 5)		H3		
Material certificate EN 10204-2.2 of the pressure bearing and process wetted parts		H4		
Connector				
Fieldbus 7/8 in. (recommended for FOUNDATION Fieldbus) (supplied loose without female plug)			U1	
Fieldbus M12 x 1 (recommended for PROFIBUS PA) (supplied loose without female plug)			U2	
Harting Han 8D (8U) - straight entry			U3	
Harting Han 8D (8U) - angle entry			U4	
Harting Han 7D			U5	
Housing Accessories				
Integral mount manifold				A1
With mounted integral orifice				A2
Valve manifold + integral orifice				A3
Four-wire add-on unit: Power supply 24 V UC / output signal 0 ... 20 mA	(Note 6)			A4
Four-wire add-on unit: Power supply 24 V UC / output signal 4 ... 20 mA	(Note 6)			A6
Four-wire add-on unit: Power supply 230 V AC / output signal 0 ... 20 mA	(Note 6)			A5
Four-wire add-on unit: Power supply 230 V AC / output signal 4 ... 20 mA	(Note 6)			A7
Plug upside welded				A8
Plug bottom welded				A9

- Note 1: Not with Diaphragm Material code M, V, T, C, Y, D
Note 2: Suitable for oxygen applications
Note 3: Select connector with additional ordering code
Note 4: Only with sensor Code F, L, N
Note 5: Minor parts with factory certificate acc. to EN 10204
Note 6: Only with Housing Material / Electrical Connection code J (DIN housing)

Standard delivery items (can be differently specified by additional ordering code)

- Adapters supplied loose
- Plug on axis of connection flange; nothing for PVDF Kynar insert and for vertical connection blind flange (no drain / vent valves)
- General purpose (no electrical certification)
- No display, no mounting bracket, no surge protection
- English manual and labels
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

THE SELECTION OF SUITABLE WETTED PARTS AND FILLING FLUID FOR COMPATIBILITY WITH THE PROCESS MEDIA IS A CUSTOMER'S RESPONSIBILITY, IF NOT OTHERWISE NOTIFIED BEFORE MANUFACTURING.

NACE CONFORMITY IS ACCORDING TO RECOMMENDATIONS PER MR0175.AISI 316 AND HASTELLOY C-276 ALSO COMPLY WITH MR0103 IF ALREADY WITH MR0175.