BASIC ORDERING INFORMATION model 266HSH Gauge 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 - 1st to 6th characters				2 6 6 H S H	X	X	X	X	X
Gauge Pressure Transmitter – BASE ACCURACY 0.06 %									
SENSOR - Span limits - 7th character									
0.54 and 16 kPa	5.4 and 160 mbar	2.16 and 64 inH2O			E				
0.65 and 65 kPa	6.5 and 650 mbar	2.6 and 260 inH2O			G				
1.6 and 160 kPa	16 and 1600 mbar	6.4 and 642 inH2O			H				
6 and 600 kPa	0.06 and 6 bar	0.87 and 87 psi			M				
24 and 2400 kPa	0.24 and 24 bar	3.5 and 348 psi			P				
80 and 8000 kPa	0.8 and 80 bar	11.6 and 1160 psi			Q				
160 and 16000 kPa	1.6 and 160 bar	23.2 and 2320 psi			S				
600 and 60000 kPa	6 and 600 bar	87 and 8700 psi			V				
10500 and 105000 kPa	105 and 1050 bar	1522 and 15225 psi			Z				
Diaphragm material / Fill fluid (wetted parts) 8th character									
AISI 316 L ss		Silicone oil		(Notes 2, 16)	NACE	S			
Hastelloy C-276™		Silicone oil		(Note 16)	NACE	K			
Hastelloy C-276™ gold plated		Silicone oil		(Notes 3, 16)	NACE	G			
Monel 400™		Silicone oil		(Notes 2, 16)	NACE	M			
AISI 316 L ss gold plated		Silicone oil		(Notes 2, 15, 16)	NACE	8			
Tantalum		Silicone oil		(Notes 2, 16)	NACE	T			
AISI 316 L ss		Inert fluid - Galden		(Notes 1, 2, 16)	NACE	A			
Hastelloy C-276™		Inert fluid - Galden		(Notes 1, 16)	NACE	F			
Hastelloy C-276™ gold plated		Inert fluid - Galden		(Notes 1, 3, 16)	NACE	E			
Monel 400™		Inert fluid - Galden		(Notes 1, 2, 16)	NACE	C			
AISI 316 L ss gold plated		Inert fluid - Galden		(Notes 1, 2, 15, 16)	NACE	9			
Tantalum		Inert fluid - Galden		(Notes 1, 2, 16)	NACE	D			
AISI 316 L ss		Inert fluid - Halocarbon		(Notes 1, 2, 16)	NACE	L			
Hastelloy C-276™		Inert fluid - Halocarbon		(Notes 1, 2, 16)	NACE	P			
Monel 400™		Inert fluid - Halocarbon		(Notes 1, 2, 16)	NACE	4			
AISI 316 L ss gold plated		Inert fluid - Halocarbon		(Notes 1, 2, 15, 16)	NACE	I			
Tantalum		Inert fluid - Halocarbon		(Notes 1, 2, 16)	NACE	5			
Inconel 718		No filling	(for sensor Z ONLY)	(Notes 2, 3)	NACE	N			

continued
see next page

BASIC ORDERING INFORMATION model 266HSH Gauge Pressure Transmitter					2 6 6 H S H X X	X	X	X
Process connection (wetted parts) - *9th character*								
AISI 316 L ss	1/2 – 14 NPT-f female		(Notes 4, 16)	NACE	B			
AISI 316 L ss	1/2 – 14 NPT-f male		(Notes 4, 16)	NACE	T			
AISI 316 L ss	DIN EN837-1 G 1/2 B		(Notes 4, 16)	NACE	P			
AISI 316 L ss	Adapter straight (180°) entry (not available with bracket)		(Notes 2, 4, 16)	NACE	A			
AISI 316 L ss	Adapter angle (90°) entry		(Notes 2, 4, 16)	NACE	N			
Hastelloy C-276™	1/2 – 14 NPT-f female		(Notes 5, 16)	NACE	E			
Hastelloy C-276™	1/2 – 14 NPT-f male		(Notes 5, 16)	NACE	K			
Hastelloy C-276™	DIN EN837-1 G 1/2 B		(Notes 5, 16)	NACE	D			
Hastelloy C-276™	Adapter straight (180°) entry (not available with bracket)		(Notes 2, 5, 16)	NACE	F			
Hastelloy C-276™	Adapter angle (90°) entry		(Notes 2, 5, 16)	NACE	C			
Monel 400™	1/2 – 14 NPT-f female		(Notes 2, 6, 16)	NACE	1			
Monel 400™	1/2 – 14 NPT-f male		(Notes 2, 6, 16)	NACE	2			
Monel 400™	DIN EN837-1 G 1/2 B		(Notes 2, 6, 16)	NACE	3			
Inconel 718	F250C	(for sensor Z ONLY)	(Notes 2, 3)	NACE	6			
Inconel 718	1/4 – 18 NPT-f female	(for sensor Z ONLY)	(Notes 2, 3)	NACE	7			
Housing material and electrical connection - 10th character								
Aluminium alloy (barrel version)	1/2 – 14 NPT					A		
Aluminium alloy (barrel version)	M20 x 1.5 (CM 20)					B		
Aluminium alloy (barrel version)	Harting Han 8D connector	(general purpose only)		(Note 7)		E		
Aluminium alloy (barrel version)	Fieldbus connector	(general purpose only)		(Note 7)		G		
AISI 316 L ss (barrel version)	1/2 – 14 NPT					S		
AISI 316 L ss (barrel version)	M20 x 1.5 (CM20)					T		
AISI 316 L ss (barrel version)	Fieldbus connector	(general purpose only)		(Note 7)		Z		
Aluminium alloy (DIN version)	M20 x 1.5 (CM20)	(not Ex d or XP)				J		
Aluminium alloy (DIN version)	Harting Han 8D connector	(general purpose only)		(Note 7)		K		
Aluminium alloy (DIN version)	Fieldbus connector	(general purpose only)		(Note 7)		W		
Output/Additional options - 11th character								
HART digital communication and 4 to 20 mA	No additional options			(Notes 8, 9)				H
HART digital communication and 4 to 20 mA	Options requested by "Additional ordering code"			(Note 8)				1
PROFIBUS PA	No additional options			(Notes 8, 9)				P
PROFIBUS PA	Options requested by "Additional ordering code"			(Note 9)				2
FOUNDATION Fieldbus	No additional options			(Notes 8, 9)				F
FOUNDATION Fieldbus	Options requested by "Additional ordering code"			(Note 9)				3
HART and 4 to 20 mA Safety - certified to IEC 61508	No additional options			(Notes 8, 9, 16)				T
HART and 4 to 20 mA Safety - certified to IEC 61508	Options requested by "Additional ordering code"			(Note 8, 16)				8

					XX	XX	XX
Accuracy							
0.04 % accuracy for applicable ranges			(Notes 17)	D2			
Drain/vent valve (material and position) (wetted parts)							
AISI 316 L ss	(Notes 2, 10, 16)	NACE			VA		
Hastelloy C-276™	(Notes 2, 11, 16)	NACE			VB		
Monel 400™	(Notes 2, 12, 16)	NACE			VC		
Hazardous area certifications							
ATEX Intrinsic Safety II 1 G and II 1/2 G Ex ia IIC T6/T5/T4; II 1 D Ex iaD 20 T85 °C and II 1/2D Ex iaD 21 T85 °C			(Notes 8, 9)			E1	
ATEX Explosion Proof Group II Category 1/2 G Ex d IIC T6 and Group II Category 1/2 D Ex tD A21 IP67 T85 °C			(Notes 8, 9, 13)			E2	
ATEX Type „N" Group II Category 3 G Ex nL IIC T6/T5/T4 and Group II Category 3 D Ex tD A22 IP67 T85 °C			(Notes 8, 9)			E3	
Combined ATEX - Intrinsic Safety, Explosion Proof and Type „N"			(Notes 8, 9, 13)			EW	
Combined ATEX - Intrinsic Safety and Explosion Proof			(Notes 8, 9, 13)			E7	
Combined ATEX, FM Approvals (USA) and FM Approvals (Canada)			(Notes 8, 9, 13)			EN	
FM Approvals (Canada) approval			(Notes 8, 9, 13)			E4	
FM Approvals (USA) approval			(Notes 8, 9, 13)			E6	
FM Approvals (USA and Canada) Intrinsic Safety			(Notes 8, 9)			EA	
FM Approvals (USA and Canada) Explosion Proof			(Notes 8, 9, 13)			EB	
FM Approvals (USA and Canada) Nonincendive			(Notes 8, 9)			EC	
IECEx Intrinsic Safety Ex ia IIC T6/T5/T4; Ex iaD 20 T85 °C and Ex iaD 21 T85 °C;			(Notes 8, 9)			E8	
IECEx Explosion Proof Ex d IIC T6 and Ex tD A21 IP67 T85 °C (Ta= -50 to +75 °C)			(Notes 8, 9, 13)			E9	
IECEx Type „N" Ex nL IIC T6/T5/T4			(Notes 8, 9)			ER	
Combined IECEx - Intrinsic Safety, Explosion Proof and Type „N"			(Notes 8, 9, 13)			EI	
Combined IECEx - Intrinsic Safety and Explosion Proof			(Notes 8, 9, 13)			EH	
NEPSI Intrinsic Safety Ex ia IIC T4~T6, DIP A20T_A, T4~T6			(Notes 8, 9, 16)			EY	
NEPSI Explosion Proof Ex d IIC T6, DIP A21T_A, T6			(Notes 8, 9, 13, 16)			EZ	
NEPSI Type „N" Ex nL IIC T4~T6, DIP A22T_A, TT6			(Notes 8, 9, 16)			ES	
Combined NEPSI - Intrinsic Safety, Explosion Proof and Type „N"			(Notes 8, 9, 13, 16)			EQ	
Combined NEPSI - Intrinsic Safety and Explosion Proof			(Notes 8, 9, 13, 16)			EP	
Other hazardous area certifications							
GOST (Russia) Ex ia			(Notes 8, 9, 16)			W1	
GOST (Russia) Ex d			(Notes 8, 9, 13, 16)			W2	
GOST (Kazakhstan) Ex ia			(Notes 8, 9, 16)			W3	
GOST (Kazakhstan) Ex d			(Notes 8, 9, 13, 16)			W4	
Inmetro (Brazil) Ex ia			(Notes 8, 9, 16)			W5	
Inmetro (Brazil) Ex d			(Notes 8, 9, 13, 16)			W6	
Inmetro (Brazil) Ex nL			(Notes 8, 9, 16)			W7	
Combined Inmetro (Brazil) - Intrinsic Safety, Explosion Proof and Type „N"			(Notes 8, 9, 13, 16)			W8	
GOST (Belarus) Ex ia			(Notes 5, 6, 16)			WF	
GOST (Belarus) Ex d			(Notes 8, 9, 13, 16)			WG	
Combined GOST (Belarus) - Intrinsic Safety and Explosion Proof			(Notes 8, 9, 13, 16)			WH	
Integral LCD							
Digital LCD integral display							L1
TTG (Through-The-Glass) digital LCD controlled display							L5

ADDITIONAL ORDERING INFORMATION for model		XX	XX	XX	XX	XX	XX	XX
266HSH								
For pipe/wall mounting - Carbon steel For pipe/wall mounting - AISI 316 L ss	(Not suitable for AISI housing)	B6 B7						
Surge								
Surge/Transient Protector		S2						
Operating manual (up to 2 different selections allowed)								
German (ONLY FOR HART and PROFIBUS VERSIONS)		M1						
Italian (ONLY FOR HART VERSION)		M2						
Spanish (ONLY FOR HART VERSION)		M3						
French (ONLY FOR HART VERSION)		M4						
English		M5						
Chinese (ONLY FOR HART VERSION)		M6						
Swedish (ONLY FOR HART VERSION)		M7						
Polish (ONLY FOR HART VERSION)		M9						
Portuguese (ONLY FOR HART VERSION)		MA						
Turkish (ONLY FOR HART VERSION)		MT						
Plates language								
German			T1					
Italian			T2					
Spanish			T3					
French			T4					
Additional tag plate								
Supplemental wired-on stainless steel plate				I1				
Laser printing of tag on stainless steel plate				I2				
Configuration								
Standard – Pressure = inH2O/ psi at 68 °F; Temperature = deg. F					N2			
Standard – Pressure = inH2O/ psi at 39.2 °F; Temperature = deg. F					N3			
Standard – Pressure = inH2O/ psi at 20 °C; Temperature = deg. C					N4			
Standard – Pressure = inH2O/ psi at 4 °C; Temperature = deg. C Custom					N5			
					N6			
Preparation procedure								
Oxygen service cleaning (only available with inert fill)				(Note 16)		P1		
Pmax =12 MPa for Galden, 9 MPa for Halocarbon for sensors E to S; 21 MPa for Galden for sensor V; Tmax=60 °C/140 °F								

Certificates (up to 2 different selections allowed)	
Inspection certificate EN 10204–3.1 of calibration (9-point)	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
Printed record of configured data of transmitter	CG
PMI test of wetted parts	CT

ADDITIONAL ORDERING INFORMATION FOR MODEL 266HSH			XX	XX	XX	XX
Approvals						
GOST (Russia) without Ex	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)	(Note 16)	Y1			
GOST (Kazakhstan) without Ex	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)	(Note 16)	Y2			
GOST (Belarus) without Ex	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)	(Note 16)	Y4			
Chinese pattern without Ex	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)	(Note 16)	Y5			
DNV approval		(Note 16)		YA		
Lloyd approval (PENDING)		(Note 16)		YB		
Approval for Custody transfer (PENDING)		(Note 16)		YC		
Material traceability						
Certificate of compliance with the order EN 10204–2.1 of process wetted parts Inspection certificate EN 10204–3.1 of process wetted parts					H1	
Test report EN 10204–2.2 of pressure bearing and process wetted parts					H3	
					H4	

Connector

Fieldbus 7/8 in. (Recommended for FOUNDATION Fieldbus) - (supplied loose without mating female plug)	(Notes 9, 14)	U1
Fieldbus M12x1 (Recommended for PROFIBUS PA) - (supplied loose without mating female plug)	(Notes 9, 14)	U2
Harting Han 8D – straight entry - (supplied loose)	(Notes 8, 14)	U3
Harting Han 8D – angle entry - (supplied loose)	(Notes 8, 14)	U4

Note 1: Suitable for oxygen service

- Note 2: Not available with Sensor code V
- Note 3: Not available with sensor code E to S
- Note 4: Not available with diaphragm code M, T, C, D, 4, 5
- Note 5: Not available with diaphragm code S, A, L, M, C, 4, 8, 9, I
- Note 6: Not available with diaphragm code S, K, T, A, F, D, L, P, 5, E, G, 8, 9, I
- Note 7: Select type in additional ordering code
- Note 8: Not available with Housing code G, Z, W
- Note 9: Not available with Housing code E, K
- Note 10: Not available with Process connection code E, K, D, F, C, 1, 2, 3
- Note 11: Not available with Process connection code B, T, A, P, N, 1, 2, 3
- Note 12: Not available with Process connection code E, K, D, F, C, B, T, A, P, N
- Note 13: Not available with Housing code J, K, W
- Note 14: Not available with Housing code A, B, S, T, J
- Note 15: Not available with Sensor code E
- Note 16: Not available with Sensor code Z
- Note 17: Not available with Sensor code E, S, V, Z