



Main ordering information for model 266GDT gauge pressure transmitter with direct mount diaphragm seal, overpressure limit dependent upon diaphragm seal / pressure sensor limits

Select one or more characters from each category and enter the complete catalog number. Enter one or more codes for additional order information if you are purchasing optional extras for each transmitter.

Base model – Characters 1 through 6				266GDT	X	X	X	X	X
Gauge pressure transmitter with direct mount diaphragm seal, base accuracy 0.04 %									
Sensor measuring range limits – Character 7									
0.6 and 6 kPa	6 and 60 mbar	2.41 and 24 in. H2O	1 MPa (10 bar, 145 psi)		C				
0.67 and 40 kPa	6.7 and 400 mbar	2.67 and 160 in. H2O	1 MPa (10 bar, 145 psi)		F				
4.17 and 250 kPa	41.7 and 2500 mbar	16.7 and 1000 in. H2O	3 MPa (30 bar, 435 psi)		L				
16.7 and 1000 kPa	0.167 and 10 bar	2.42 and 245 psi	6 MPa (60 bar, 870 psi)		D				
50 and 3000 kPa	0.5 and 30 bar	7.25 and 435 psi	6 MPa (60 bar, 870 psi)		U				
167 and 10000 kPa	1.67 and 100 bar	24.2 and 1450 psi	30 MPa (300 bar, 4350 psi)		R				
1000 and 60000 kPa	10 and 600 bar	145 and 8700 psi	90 MPa (900 bar, 13050 psi)		V				
Diaphragm material / filling fluid – Character 8									
Hastelloy C-276	Silicone oil		NACE			K			
Hastelloy C-276	Fluorocarbon - Galden (suited to oxygen applications)		NACE			F			
Hastelloy C-276	White oil (FDA)		NACE			Z			
Process connection material / type – Character 9									
Direct mount diaphragm seal (specify separately)								M	
Housing material / electrical connection – Character 10									
Aluminium alloy (barrel type)	1/2-14 NPT								A
Aluminium alloy (barrel type)	M20 x 1.5								B
Aluminium alloy (barrel type)	Harting Han plug connector	(for standard applications)	(Note: 1)						E
Aluminium alloy (barrel type)	Fieldbus plug connector	(for standard applications)	(Note: 1)						G
Stainless steel (barrel type)	1/2-14 NPT								S
Stainless steel (barrel type)	M20 x 1.5								T
Aluminium alloy (DIN type)	M20 x 1.5								J
Aluminium alloy (DIN type)	Harting Han plug connector	(for standard applications)	(Note: 1)						K
Aluminium alloy (DIN type)	Fieldbus plug connector	(for standard applications)	(Note: 1)						W
Stainless steel (barrel type)	Fieldbus plug connector	(for standard applications)	(Note: 1)						Z
Output – Character 11									
HART digital communication and 4 ... 20 mA (no additional options)									H
HART digital communication and 4 ... 20 mA (product selection with additional order code)									1
PROFIBUS PA (no additional options)									P
PROFIBUS PA (product selection with additional order code)									2
FOUNDATION fieldbus (no additional options)									F
FOUNDATION fieldbus (product selection with additional order code)									3
HART digital communication and 4 ... 20 mA, SIL2 and SIL3-certified in acc. with IEC 61508 (no additional options)									T
HART digital communication and 4 ... 20 mA, SIL2 and SIL3-certified in acc. with IEC 61508 (product selection with additional order code)									8



Additional ordering information for model 266GDT

All required options have to be entered by adding a one-digit or two-digit code or codes after the main order number.

	XX	XX
Explosion protection		
ATEX II Category 1 GD, Intrinsic safety Ex ia	E1	
ATEX II Category 1/2 GD, Flameproof (enclosure) Ex d	E2	
ATEX II Category 3 GD, Energy-limited Ex nL	E3	
FM approval (Canada, CSA) Class I, II, Div 1, 2, Group A to F (XP, IS, NI) (only available with electrical connection 1/2-14 NPT or M20)	E4	
FM approval (USA) Class I, II, Div 1, 2, Group A to F (XP, IS, NI) (only available with electrical connection 1/2-14 NPT or M20)	E6	
ATEX II 1 GD, Ex ia + ATEX II 1/2 GD, Ex d and ATEX II 3 GD, Ex nL	EW	
FM approvals (USA and Canada) Intrinsic safety	EA	
FM approvals (USA and Canada) Explosion-proof	EB	
FM approvals (USA and Canada) Non-incendive	EC	
ATEX + FM + CSA (only available with electrical connection 1/2-14 NPT or M20)	EN	
IECEX II Category 1 GD, Intrinsic safety Ex ia	E8	
IECEX II Category 1/2 GD, Flameproof (enclosure) Ex d	E9	
IECEX II Category 3 GD, Energy-limited Ex nL	ER	
IEC combined Ex ia and Ex d	EH	
IEC combined Ex ia, Ex d and Ex nL	EI	
NEPSI Intrinsic safety Ex ia	EY	
NEPSI Flameproof (enclosure) Ex d	EZ	
NEPSI type "N" Ex nL	ES	
NEPSI combined - Intrinsic safety and flameproof (enclosure)	EP	
NEPSI combined - Intrinsic safety and flameproof (enclosure), and type "N"	EQ	
Explosion protection (supplement)		
GOST Russia - Ex ia		W1
GOST Russia - Ex d		W2
GOST Kazakhstan - Ex ia		W3
GOST Kazakhstan - Ex d		W4



Additional ordering information for model 266GDT		XX	XX	XX	XX	XX
Integrated digital display (LCD)						
With integrated LCD display	L1					
With integrated touch screen LCD display (TTG)	L5					
Overvoltage protection						
With overvoltage protection (transient protector)	S2					
Language of documentation						
German					M1	
Italian					M2	
Spanish					M3	
French					M4	
English					M5	
Swedish					M7	
Polish					M9	
Portuguese					MA	
Turkish					MT	
Label and tag language						
German						T1
Italian						T2
Spanish						T3
French						T4

Additional tag plate

Tag plate made from stainless steel (4 lines with 30 characters each)						11
Measuring point tag laser-printed onto stainless steel plate						12
Measuring point, certification and tag plate made from stainless steel						13

Additional ordering information for model 266GDT		XX	XX	XX	XX	
Configuration (units for tag plate name)						
Standard pressure = in. H2O / psi at 68 °F	N2					
Standard pressure = in. H2O / psi at 39.2 °F	N3					
Standard pressure = in. H2O / psi at 20 °C	N4					
Standard pressure = in. H2O / psi at 4 °C	N5					
Customer-specific	N6					
Certificates						
Inspection certificate 3.1 to EN 10204 for calibration					C1	
Inspection certificate 3.1 to EN 10204 for cleaning stage	(Note: 2)				C3	
Inspection certificate 3.1 to EN 10204 for helium leakage test of measuring chamber					C4	
Inspection certificate 3.1 to EN 10204 for pressure test					C5	
Declaration of compliance 2.1 to EN 10204 for device design					C6	
Calibration log separate					CC	
With device data log					CG	
PMI test of parts that come into contact with fluid					CT	
Approvals						
GOST Russia - without Ex						Y1
GOST Kazakhstan - without Ex						Y2
GOST Ukraine - without Ex						Y3
GOST Belarus - without Ex						Y4

Material certification

Declaration of compliance 2.1 to EN 10204 for materials of parts that come into contact with fluid						H1
Inspection certificate 3.1 to EN 10204 for pressure-bearing parts and parts that come into contact with fluid, with analysis reports as evidence of material used	(Note: 3)					H3
Declaration of compliance 2.2 to EN 10204 for pressure-bearing parts and parts that come into contact with fluid						H4



Additional ordering information for model 266GDT		XX	XX
Plug connector			
Fieldbus 7/8 in. (recommended for FOUNDATION fieldbus, supplied loose, without mating plug)		U1	
Fieldbus M12 x 1 (recommended for PROFIBUS PA, supplied loose, without mating plug)		U2	
Harting Han 8D (8U), straight entry		U3	
Harting Han 8D (8U), angle entry		U4	
Harting Han 7D		U5	
Harting HAN 8D (8U), for four-wire accessory unit		U6	
Harting HAN 7D, for four-wire accessory unit		U7	
With cable gland M20 x 1.5		U8	
Housing accessories			
Four-wire accessory unit: power supply 24 V UC / output signal 0 ... 20 mA	(Note: 4)		A4
Four-wire accessory unit: power supply 24 V UC / output signal 4 ... 20 mA	(Note: 4)		A6
Four-wire accessory unit: power supply 230 V AC / output signal 0 ... 20 mA	(Note: 4)		A5
Four-wire accessory unit: power supply 230 V AC / output signal 4 ... 20 mA	(Note: 4)		A7
Diaphragm seal type, high pressure side			
The ordering information for the various diaphragm seal models is listed after the transmitter information, in the last section of the document.			

Note 1: Select plug connector with additional order code

Note 2: Only available with special option code W16

Note 3: Small parts with declaration of compliance according to EN 10204

Note 4: Only available with housing material / electrical connection code B (barrel housing)

Standard delivery scope (changes possible with additional ordering code)

For standard applications (without explosion protection)

- No display, no surge protection
- Multilanguage short-form operating instruction and English labeling
- Configuration with kPa and °C units
- No test, inspection, or material certificates