Ordering Information

Basic ordering information PGS100 Gauge Pressure Transmitters and PAS100 Absolute Pressure Transmitters

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					**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**
Gauge pressure transmitter, compact class, base accuracy 0.25 %				**PGS100**									
Absolute pressure transmitter, compact class, base accuracy 0.25 %				**PAS100**									
Sensor range – 7th character													
6 kPa	60 mbar	24 in H2O			C								
40 kPa	400 mbar	160 inH2O			F								
250 kPa	2500 mbar	36.26 psi			L								
1000 kPa	10 bar	145 psi			D								
4000 kPa	40 bar	580 psi			K								
10000 kPa	100 bar	1450 psi			R								
41400 kPa	414 bar	6000 psi			T								
Maximum working pressure – 8th and 9th characters													
Standard by design according to sensor range						S9							
Diaphragm material – 10th character													
AISI 316 L ss			NACE				A						
Hastelloy C-276			NACE				H						
Diaflex antiabrasion coating on AISI 316 L ss			NACE	(Note 1)			F						
Diaflex antiabrasion coating on Hastelloy C-276			NACE	(Note 1)			C						
H-Shield coating on AISI 316 L ss for hydrogen permeation			NACE	(Note 2)			S						
Fill fluid – 11th character													
Silicone oil								1					
Inert oil								2					
Mineral white oil (FDA)								3					
Process connection material – 12th character													
AISI 316 L ss			NACE						A				
Process connection size – 13th character													
1/2 in - 14 NPT female			NACE							A			
1/2 in - 14 NPT male / 1/4 in - 18 NPT female (adapter compatible)			NACE							B			
DIN EN 837-1 G 1/2 B			NACE							C			
Front bonded G 1/2 in			NACE	(Note 3)						P			
Bolts and gaskets – 14th character													
None											Y		
Housing material / Electrical connection – 15th character													
Xenoy™ / M16 x 1.5 female thread												M	
Xenoy™ / M20 x 1.5 female thread (through adapter - supplied loose)												N	
Xenoy™ / 1/2 in -14 NPT female thread (through adapter - supplied loose)												P	
AISI 316 L ss / M16 x 1.5 female thread												U	
AISI 316 L ss / M20 x 1.5 female thread (through adapter - supplied loose)												T	
AISI 316 L ss / 1/2 in-14 NPT female thread (through adapter - supplied loose)												S	
AISI 316 L Housing & Polycarbonate Cover - M16												H	
AISI 316 L Housing & Polycarbonate Cover - M20 x 1.5												Y	
AISI 316 L Housing & Polycarbonate Cover - 1/2 in. -14 NPT												W	
Protocol/Output – 16th character													
4 – 20 mA analog signal only (only zero/span settings are available)													A
HART digital communication and 4 – 20 mA (Easy setup menu is available for configuration settings)													H
IO-Link digital communication and 4 – 20 mA (M12 connector on M16 housing)				(Note 13)									L

Additional ordering information model PGS100 Gauge Pressure Transmitters and PAS100 Absolute Pressure Transmitters
Add one or more options code after the basic ordering information to select all required options.

		XX	XX	XX	XX	XX	XX	XX	XX	XX
LCD Display (see FOOTNOTE)										
Glass touch LCD display with 2-button keypad	(Note 14)	D3								
Backlit glass touch LCD display with 2-button keypad		D4								
Extended performances										
± 0.075% extended Base accuracy			E7							
± 0.10 % extended base accuracy			E9							
Hazardous area certifications (see relevant paragraph for complete detailed markings)										
ATEX Ex ia and Ex ta/tb	(Note 4, 14, 15, 22)			HAM						
CSA approvals (USA and Canada) IS (Gas and Dust)	(Note 4, 14, 15, 22, 23)			HCM						
IECEX Ex ia and Ex ta/tb	(Note 4, 14, 15, 22)			HJM						
Combined ATEX, CSA approvals (USA and Canada) and IECEx (Gas and Dust)	(Note 4, 14, 15, 22, 23)			HMM						
NEPSI China (Ex ia and Ex iaD / Ex tD)	(Note 14, 15, 22, 23)			HMN						
INMETRO (Brazil) Ex ia and Ex ta/tb	(Note 14, 15, 22, 23)			HMB						
EAC Ex ia and Ex ta/tb	(Note 14, 15, 22, 23)			HME						
Approvals										
CSA ordinary location (USA and Canada)	(Note 4, 14, 15, 22, 23)				GO					
NSF61 water approval	(Note 5, 18, 19, 20, 21, 22, 23)				GB					
DM174 water approval	(Note 5, 21, 22, 23)				GD					
WRAS water approval (Tmax = 85 °C for Process connection size code P and 100 °C for codes A,B,C)	(Note 5, 22, 23)				GW					
Combined water approvals	(Note 5, 21, 22, 23)				GA					
CRN (Canadian Registration Number 0F03086.3C)	(Note 5, 7, 18, 23, 24, 25)				GC					
Physical application										
Oxygen service cleaning, (only available with inert oil fill) Pmax =10 MPa for Galden; Tmax=60 °C/140 °F or max. working pressure	(Note 6)					P1				
Accessories										
External grounding terminal (fitted as standard if hazardous area certification code Hxx is selected)							AG			
Manifold assembly	(Note 7, 8)						A1			
Mounting bracket										
Universal for pipe or wall mounting / AISI 304 ss (1.4301)	(Note 15)							BU		
OUTPUT CONFIGURATION										
SIL Safety Parameters Declaration	(Note 14, 15, 16)								NL	
Software application										
Calibration to specified measuring span (incl. calibration record) and/or tag no. on additional tag plate				(Note 9)						SU
Alarm setting to low current of 3.6 mA										SA
Digital access diagnostics (requires backlit LCD display code D4)										SD
Local configuration (Easy Set Up) for 4..20mA Version				(Note 10)						SE

NOTE - Refer to hazardous atmosheres paragraph for compliance of digital display

...Ordering Information

... Additional ordering information model PGS100 Gauge Pressure Transmitters and PAS100 Absolute Pressure Transmitters

		XX	XXX	XX
Inspection/compliance certificates				
Inspection certificate EN 10204–3.1 of calibration (5-point)	(Note 11)	CF		
Inspection Certificate UNI EN 10204 3.1 (9 points calibration)	(Note 12)	CN		
Inspection certificate EN 10204–3.1 of cleanliness stage		CC		
Inspection certificate EN 10204–3.1 of helium leakage test of the sensor module		CL		
PMI test on wetted parts	(Note 17)	CP		
Inspection certificate EN 10204–3.1 of the pressure test		CH		
Certificate of compliance with the order EN 10204–2.1 of instrument design		CD		
Inspection certificate EN 10204–3.1 of process wetted parts		CM		
Test report EN 10204-2.2 of the pressure bearing and process wetted parts		CW		
Labels				
Label and display visualization in imperial units (Pressure = inH2O/ psi at 68 °F; Temperature = deg. F)			LTU	
Supplemental wired–on stainless steel plate (4 lines, 32 characters each)			LEW	
Label and display visualization in Chinese			LTS	
Manuals				
German				M1
Italian (PENDING)				M2
Spanish (PENDING)				M3
French (PENDING)				M4
English				M5
Chinese (PENDING)				M6
Portuguese (PENDING)				MA
Russian (PENDING)				MB

Note 1: Only available with Front bonded G 1/2 in process connection code P
Note 2: For 10000 kPa/100 bar/1450 psi sensor code R, H-Shield is only available with front bonded G 1/2 in process connection code P
Note 3: Not available with 40 kPa/400 mbar/160 inH2O/300 mmHg sensor code F
Note 4: Hazardous area certification and CSA ordinary location options are mutually exclusive
Note 5: Available only with Diaphragm material code A
Note 6: Not available with DIN EN 837-1 G 1/2 B process connection code C
Note 7: Not available with any Ex certificates.
Note 8: Not available with Physical application code P1
Note 9: Option code SU has to be ordered if 0 to URL calibration record is required
Note 10: Available only with Output code A
Note 11: Option code CF provides an inspection certificate of calibration 0 to URL
Option code SU should be also selected if the inspection certificate is required for calibration different from 0 to URL
Note 12: Mutually exclusive with Inspection certificate code CF
Note 13: Only available with Housing code U, M or H
Note 14: Not available with Protocol/Output code L
Note 15: Not available with housing material Xenoy™ code M, N, P
Note 16: Available only with Display D3, D4
Note 17: Not available with accessory code A1
Note 18: Available only with Diaphragm material code H
Note 19: Available only with sensor code L, D, K
Note 20: Available only with process connection code A, B
Note 21: Selection of CM digit is mandatory
Note 22: Not available with housing material code H, Y, W
Note 23: Not available with 42000 kPa/420 bar/6000 psi sensor code T
Note 24: Available only with process connection code A, B, C
Note 25: CRN is not available with CSA ordinary location option GO

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

- For general purpose applications (no Ex application certification)
- EPDM O-ring for G 1/2 front bonded process connection, flush diaphragm
- No display, no mounting bracket
- Short-form leaflet instruction and labels in English
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

IMPORTANT REMARK FOR ALL MODELS

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.

Ordering Information

Basic ordering information PGF100 Gauge Pressure Transmitters and PAF100 Absolute Pressure Transmitters

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 **Gauge pressure transmitter, compact class, base accuracy 0.1 %** **Absolute pressure transmitter, compact class, base accuracy 0.1 %**			**PGF100** **PAF100**	**X**	**X**	**X**	**X**	**X**
Sensor range – 7th character								
6 kPa	60 mbar	24 inH2O		C				
40 kPa	400 mbar	160 inH2O		F				
250 kPa	2500 mbar	36.26 psi		L				
1000 kPa	10 bar	145 psi		D				
4000 kPa	40 bar	580 psi		K				
10000 kPa	100 bar	1450 psi	(Note 1)	R				
Maximum working pressure – 8th and 9th characters								
Standard by design according to sensor range					S9			
Diaphragm material – 10th character								
AISI 316 L ss						A		
Hastelloy C-276			(Note 2)			H		
Diaflex antiabrasion coating on AISI 316 L ss			(Note 2)			F		
Diaflex antiabrasion coating on Hastelloy C-276			(Note 2)			C		
Fill fluid – 11th character								
Silicone oil							1	
Inert oil							2	
Mineral white oil (FDA)							3	
Vegetal white oil (FDA)							5	
Process connection material – 12th character								
AISI 316 L ss								A

...Ordering Information

...Basic ordering information PGF100 Gauge Pressure Transmitters and PAF100 Absolute Pressure Transmitters

		X	X	X	X
Process connection size – 13th character					
Front bonded G 1 in hygienic (adapter-compatible)	(Note 3, 5, 8, 9, 21)	U			
Tri-Clamp ISO2852 DN38 (1 1/2 in), DIN 32676 DN40	(Note 4, 7, 9, 21)	A			
Tri-Clamp ISO2852 DN 25 (1"), DIN 32676 DN 25	(Note 4, 7, 9, 21)	T			
Tri-Clamp ISO2852 DN 51 (2 in), DIN 32676 DN 50	(Note 4, 7, 9, 25)	B			
Tri-Clamp ISO2852 DN 76.1 (3 in), DIN 32676 DN65	(Note 7, 9)	C			
Tri-Clamp ISO2852 DN 101.6 (4 in) DIN 32676 DN 100	(Note 7, 9)	D			
DRD 65mm (DN 50)	(Note 7, 9, 25)	E			
Dairy 11851 DN40 PN40	(Note 6, 7, 9, 21)	F			
Dairy 11851 DN50 PN25	(Note 6, 7, 9, 25)	G			
SMS 1 1/2 in PN40 (dia 35)	(Note 7, 17, 21)	H			
SMS 2 in PN40 (dia 45)	(Note 7, 17, 25)	L			
Varinline® F DN25	(Note 7, 9, 19)	M			
Varinline® N DN40	(Note 7, 9, 20)	N			
Neumo Biocontrol® D50	(Note 7, 9, 18)	P			
Neumo Biocontrol® D65	(Note 7, 9, 18)	Q			
Dairy DIN 11864-1 typeA DN40 PN16	(Note 7, 9, 21)	R			
Dairy DIN 11864-1 typeA DN50 PN16	(Note 7, 9, 25)	S			
Bolts and gaskets – 14th character					
None			Y		
Housing material / Electrical connection – 15th character					
Xenoy™ / M16 x 1.5 female thread				M	
Xenoy™ / M20 x 1.5 female thread (through adapter - supplied loose)				N	
Xenoy™ / 1/2 in -14 NPT female thread (through adapter - supplied loose)				P	
AISI 316 L ss / M16 x 1.5 female thread				U	
AISI 316 L ss / M20 x 1.5 female thread (through adapter - supplied loose)				T	
AISI 316 L ss / 1/2 in -14 NPT female thread (through adapter - supplied loose)				S	
AISI 316 L Housing & Polycarbonate Cover - M16				H	
AISI 316 L Housing & Polycarbonate Cover - M20 x 1.5				Y	
AISI 316 L Housing & Polycarbonate Cover - 1/2 in. -14 NPT				W	
Protocol/Output – 16th character					
4 – 20 mA analog signal only (only zero/span settings are available)					A
HART digital communication and 4 – 20 mA (Easy setup menu is available for configuration settings)					H
IO-Link digital communication and 4 – 20 mA (M12 connector on M16 housing)	(Note 22)				L

Additional ordering information model PGF100 Gauge Pressure Transmitters and PAF100 Absolute Pressure Transmitters
Add one or more options code after the basic ordering information to select all required options.

		XX	XX	XXX	XX	XX	XX	XX	XX
LCD Display (see FOOTNOTE)									
Glass touch LCD display with 2-button keypad	(Note 23)	D3							
Backlit glass touch LCD display with 2-button keypad		D4							
Extended performances									
± 0.075 % extended base accuracy			E7						
Hazardous area certifications (see relevant paragraph for complete detailed markings)									
ATEX Ex ia and Ex ta/tb	(Note 10, 23, 24, 28)			HAM					
CSA approvals (USA and Canada) IS (Gas and Dust)	(Note 10, 23, 24, 28)			HCM					
IECEX Ex ia and Ex ta/tb	(Note 10, 23, 24, 28)			HJM					
Combined ATEX, CSA approvals (USA and Canada) and IECEx (Gas and Dust)	(Note 10, 23, 24, 28)			HMM					
Approvals									
CSA ordinary location (USA and Canada)	(Note 10, 23, 24, 28)				GO				
Combined 3A & EHEDG approvals	(Note 9, 11, 27, 24, 28)				GF				
CRN (Canadian Registration Number 0F03086.3C)	(Note 30)				GC				
Physical application									
Vacuum-proof design						P8			
Accessories									
External grounding terminal (fitted as standard if hazardous area certification code Hxx is selected)							AG		
OUTPUT CONFIGURATION									
SIL Safety Parameters Declaration	(Note 23, 24, 26)							NL	
Software application									
Calibration to specified measuring span (incl. calibration record) and/or tag no. on additional tag plate				(Note 12)					SU
Alarm setting to low current of 3.6 mA									SA
Digital access diagnostics (requires backlit LCD display code D4)									SD
Local configuration (Easy Set Up) for 4..20mA Version				(Note 13)					SE

NOTE - Refer to hazardous atmosheres paragraph for compliance of digital display
NOTE - Vacuum proof design (Option P8) is suggested primarily when rapid and large temperature changes occur in process fully or partially working in vacuum conditions (i.e sanification, etc). The design, which uses metallic components specifically treated, could also be beneficial in vacuum processes where the process temperature is relatively high (above 100° C / 212 °F)

...Ordering Information

... Additional ordering information model PGF100 Gauge Pressure Transmitters and PAF100 Absolute Pressure Transmitters

		XX	XXX	XX	XX
Inspection/compliance certificates					
Inspection certificate EN 10204–3.1 of calibration (5-point)	(Note 14)	CF			
Inspection Certificate UNI EN 10204 3.1 (9 points calibration) (PENDING)	(Note 15)	CN			
Inspection certificate EN 10204–3.1 of cleanliness stage		CC			
Inspection certificate EN 10204–3.1 of helium leakage test of the sensor module		CL			
PMI test on wetted parts		CP			
Inspection certificate EN 10204–3.1 of the pressure test		CH			
Certificate of compliance with the order EN 10204–2.1 of instrument design		CD			
Inspection certificate EN 10204–3.1 of process wetted parts		CM			
Test report EN 10204-2.2 of the pressure bearing and process wetted parts		CW			
Labels					
Label and display visualization in imperial units (Pressure = inH2O/ psi at 68 °F; Temperature = deg. F)			LTU		
Supplemental wired–on stainless steel plate (4 lines, 32 characters each)			LEW		
Label and display visualization in Chinese			LTS		
Manuals					
German				M1	
Italian (PENDING)				M2	
Spanish (PENDING)				M3	
French (PENDING)				M4	
English				M5	
Chinese (PENDING)				M6	
Portuguese (PENDING)				MA	
Russian (PENDING)				MB	
Other Accessories					
Gasket for Front bonded G 1 - EPDM for F&B (FDA, EC 1935/2004)	(Note 16, 29)				RF
Gasket for Front bonded G 1 - FKM for F&B (FDA, EC 1935/2004)	(Note 16)				RK
Gasket for Front bonded G 1 - HNBR for F&B (FDA, EC 1935/2004)	(Note 16)				RN

Note 1: Not available with Diaphragm material F,C & Process connection size code U
Note 2: Only available with process connection code U
Note 3: All ABB adapters used with the Front Bonded G1 in hygienic connection have a leak detect port of 2.4 mm, which must be positioned at the lowest point for the installation.
Note 4: Pipe couplings ISO 2852, DIN 32676, BS 4825 Part 3 are according to EHEDG only in combination with Tri-Clamps seals Combifit International B.V., The Netherlans.
Note 5: Not availbale with sensor range R
Note 6: Pipe couplings DIN 11851 are according to EHEDG, 3A only in combination with ASEPTO-STAR k-flex upgrade gaskets Kieselmann GmbH, Germany.
Note 7: Not available with Diaphragm material codes H,F and C
Note 8: Not available with Diaphragm material codes F,C
Note 9: 3A and EHEDG approved. 3A approval works for 1 in G universal connection only in combination with relevant gaskets (digit RF,RK,RN) and accessories (code PZH). EHEDG approval works for 1 in G universal connection only in combination with EPDM gasket (digit RF) and accessories (code PZH).
Note 10: Hazardous area certification and CSA ordinary location options are mutually exclusive
Note 11: Not applicable with process connections digits C,D,E,H,L,P,Q
Note 12: Option code SU has to be ordered if 0 to URL calibration record is required
Note 13: Available only with Output code A
Note 14: Option code CF provides an inspection certificate of calibration 0 to URL.
Option code SU should be also selected if the inspection certificate is required for calibration different from 0 to URL
Note 15: Mutually exclusive with Inspection certificate code CF
Note 16: Only with Process connection code U
Note 17: Gauge couplings SMS SS1145 are according to 3A (CIP) only if special conditions for use are followed (see the Operating manual for details)
Note 18: Pipe couplings Neumo Biocontrol® are according to 3A (CIP) only if special conditions for use are followed (see the Operating manual for details).
Note 19: Varinline® type F process connection is according to EHEDG only on the Varinline® tank flange type T and P with EPDM o-ring. Varinline® GEA Tuchenhagen GmbH, Germany.
Note 20: Varinline® type N process connection is according to EHEDG only on the Varinline® tank flange type T and P and Varinline® System housing with EPDM o-ring. Varinline® GEA Tuchenhagen GmbH, Germany.
Note 21: Not available with sensor codes C & F
Note 22: Only available with Housing code U, M or H
Note 23: Not available with Protocol/Output code L
Note 24: Not available with Housing material Xenoy™ code M, N, P
Note 25: Not available with sensor code C
Note 26: Available only with Display D3, D4
Note 27: Selection of CM digit is mandatory
Note 28: Not available with Housing material code H, Y, W
Note 29: Not available with Housing material code S, T, P, N, H, Y, W
Note 30: Not available with any Hazardous Area Certifications, Process Connection Size code U, or Process Diaphragm code different from A, H

Ordering Information

Basic ordering information PGP100 Gauge Pressure Transmitters and PAP100 Absolute Pressure Transmitters

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				**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**
Gauge pressure transmitter, compact class, base accuracy 0.1 %			**PGP100**									
Absolute pressure transmitter, compact class, base accuracy 0.1 %			**PAP100**									
Sensor range – 7th character												
40 kPa	400 mbar	160 inH2O		F								
250 kPa	2500 mbar	36.26 psi		L								
1000 kPa	10 bar	145 psi		D								
4000 kPa	40 bar	580 psi		K								
10000 kPa	100 bar	1450 psi		R								
Maximum working pressure – 8th and 9th characters												
Standard by design according to sensor range					S9							
Diaphragm material – 10th character												
AISI 316 L ss			NACE			A						
Hastelloy C-276			NACE			H						
Diaflex antiabrasion coating on AISI 316 L ss			NACE			F						
Diaflex antiabrasion coating on Hastelloy C-276			NACE			C						
Duplex (PENDING)						D						
Fill fluid – 11th character												
Silicone oil							1					
Inert oil							2					
Process connection material – 12th character												
AISI 316 L ss			NACE		(Note 1)			A				
Hastelloy C-276			NACE		(Note 2)			H				
Process connection size – 13th character												
1" in. seal with gaskets to spud (spud to be ordered separately)									F			
1 1/2" seal with gaskets to spud (spud to be ordered separately)									H			
1" NPT male threaded connection									C			
1 1/2" NPT male threaded connection									D			
G 1" A male threaded connection									A			
G 1 1/2" A male threaded connection									B			
1" ball valve connection				(Note 2)					E			
1 1/2 " seal with gasket to M44 threaded spud									G			
Bolts and gaskets – 14th character												
None										Y		
Housing material / Electrical connection – 15th character												
Xenoy™ / M16 x 1.5 female thread											M	
Xenoy™ / M20 x 1.5 female thread (through adapter - supplied loose)											N	
Xenoy™ / 1/2 in -14 NPT female thread (through adapter - supplied loose)											P	
AISI 316 L ss / M16 x 1.5 female thread											U	
AISI 316 L ss / M20 x 1.5 female thread (through adapter - supplied loose)											T	
AISI 316 L ss / 1/2 in -14 NPT female thread (through adapter - supplied loose)											S	
AISI 316 L Housing & Polycarbonate Cover - M16											H	
AISI 316 L Housing & Polycarbonate Cover - M20 x 1.5											Y	
AISI 316 L Housing & Polycarbonate Cover - 1/2 in. -14 NPT											W	
Protocol/Output – 16th character												
4 – 20 mA analog signal only (only zero/span settings are available)												A
HART digital communication and 4 – 20 mA (Easy setup menu is available for configuration settings)												H
IO-Link digital communication and 4 – 20 mA (M12 connector on M16 housing)			(Note 7)									L

...Ordering information

Additional ordering information model PGP100 Gauge Pressure Transmitters and PAP100 Absolute Pressure Transmitters
Add one or more options code after the basic ordering information to select all required options.

		XX	XX	XXX	XX	XX	XX	XX	XX
LCD Display (see FOOTNOTE)									
Glass touch LCD display with 2-button keypad	(Note 8)	D3							
Backlit glass touch LCD display with 2-button keypad		D4							
Extended performances									
± 0.075 % extended base accuracy			E7						
Hazardous area certifications (see relevant paragraph for complete detailed markings)									
ATEX Ex ia and Ex ta/tb	(Note 1, 2, 8, 12)			HAM					
CSA approvals (USA and Canada) IS (Gas and Dust)	(Note 1, 2, 8, 12)			HCM					
IECEX Ex ia and Ex ta/tb	(Note 1, 2, 8, 12)			HJM					
Combined ATEX, CSA approvals (USA and Canada) and IECEx (Gas and Dust)	(Note 1, 2, 8, 12)			HMM					
Approvals									
CSA ordinary location (USA and Canada)	(Note 1, 2, 8, 12)				GO				
CRN (Canadian Registration Number 0F03086.3C)	(Note 13)				GC				
Accessories									
External grounding terminal (fitted as standard if hazardous area certification code Hxx is selected)						AG			
Weld-on spud and fixing screw for 1 in pulp & paper seal connection	(Note 9)					AC			
Weld-on threaded spud for 1 1/2 in pulp & paper seal connection	(Note 10)					AD			
Weld-on spud and fixing screws for 1 1/2 in pulp & paper seal connection	(Note 11)					AF			
Mounting bracket									
Universal for pipe or wall mounting / AISI 304 ss (1.4301)	(Note 1)						BU		
OUTPUT CONFIGURATION									
SIL Safety Parameters Declaration	(Note 1, 3, 8)							NL	
Software application									
Calibration to specified measuring span (incl. calibration record) and /or tag no. on additional tag plate				(Note 4)					SU
Alarm setting to low current of 3.6 mA									SA
Digital access diagnostics (requires backlit LCD display code D4)									SD

NOTE - Refer to hazardous atmosheres paragraph for compliance of digital display

		XX	XXX	XX
Inspection/compliance certificates				
Inspection certificate EN 10204–3.1 of calibration (5-point)	(Note 5)	CF		
Inspection certificate EN 10204–3.1 of cleanliness stage		CC		
Inspection certificate EN 10204–3.1 of helium leakage test of the sensor module		CL		
PMI test on wetted parts		CP		
Inspection certificate EN 10204–3.1 of the pressure test		CH		
Certificate of compliance with the order EN 10204–2.1 of instrument design		CD		
Inspection certificate EN 10204–3.1 of process wetted parts		CM		
Test report EN 10204-2.2 of the pressure bearing and process wetted parts		CW		
Inspection Certificate UNI EN 10204 3.1 (9 points calibration) (PENDING)	(Note 6)	CN		
Labels				
Label and display visualization in imperial units (Pressure = inH2O/ psi at 68 °F; Temperature = deg. F)			LTU	
Supplemental wired–on stainless steel plate (4 lines, 32 characters each)			LEW	
Label and display visualization in Chinese			LTS	
Manuals				
German				M1
Italian (PENDING)				M2
Spanish (PENDING)				M3
French (PENDING)				M4
English				M5
Chinese (PENDING)				M6

Note 1: Not available with housing material Xenoy™ code M, N, P
Note 2: Hazardous area certification and CSA ordinary location options are mutually exclusive
Note 3: Available only with Display D3, D4
Note 4: Option code SU has to be ordered if 0 to URL calibration record is required
Note 5: Option code CF provides an inspection certificate of calibration 0 to URL
Option code SU should be also selected if the inspection certificate is required for calibration different from 0 to URL
Note 6: Mutually exclusive with Inspection certificate code CF
Note 7: Only available with Housing code U, M or H
Note 8: Not available with Protocol/Output code L
Note 9: Not available with process connection size code F
Note 10: Not available with process connection size code G
Note 11: Not available with process connection size code H
Note 12: Not available with Housing code H, W, Y
Note 13: Not available with any Hazardous Area Certifications, or Process Diaphragm code different from A, H

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

- For general purpose applications (no Ex application certification)
- No display, no mounting bracket
- Short-form leaflet instruction and labels in English
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

IMPORTANT REMARK FOR ALL MODELS

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.

Ordering Information

Basic ordering information PGD100 Gauge Pressure Transmitters and PAD100 Absolute Pressure Transmitters

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 **Gauge pressure transmitter, compact class, base accuracy 0.25 %*** **Absolute pressure transmitter, compact class, base accuracy 0.25 %***			**PGD100** **PAD100**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**
Sensor range – 7th character												
6 kPa	60 mbar	24 inH2O		C								
40 kPa	400 mbar	160 inH2O		F								
250 kPa	2500 mbar	36.26 psi		L								
1000 kPa	10 bar	145 psi		D								
4000 kPa	40 bar	580 psi		K								
10000 kPa	100 bar	1450 psi		R								
Maximum working pressure – 8th and 9th characters												
Standard by design according to sensor range					S9							
Diaphragm material (of Transducer)– 10th character												
AISI 316 L ss						A						
Fill fluid (of Transducer)– 11th character												
Silicone oil							1					
Process connection material – 12th character												
Remote or direct mount seal *		(one seal to be quoted separately)						R				
Process connection size – 13th character												
Remote or direct mount seal*		(one seal to be quoted separately)							R			
Bolts and gaskets – 14th character												
None										Y		
Housing material / Electrical connection – 15th character												
Xenoy™ / M16 x 1.5 female thread											M	
Xenoy™ / M20 x 1.5 female thread (through adapter - supplied loose)											N	
Xenoy™ / 1/2 in -14 NPT female thread (through adapter - supplied loose)											P	
AISI 316 L ss / M16 x 1.5 female thread											U	
AISI 316 L ss / M20 x 1.5 female thread (through adapter - supplied loose)											T	
AISI 316 L ss / 1/2 in -14 NPT female thread (through adapter - supplied loose)											S	
AISI 316 L Housing & Polycarbonate Cover - M16											H	
AISI 316 L Housing & Polycarbonate Cover - M20 x 1.5											Y	
AISI 316 L Housing & Polycarbonate Cover - 1/2 in. -14 NPT											W	
Protocol/Output – 16th character												
4 – 20 mA analog signal only (only zero/span settings are available)												A
HART digital communication and 4 – 20 mA (Easy setup menu is available for configuration settings)												H
IO-Link digital communication and 4 – 20 mA (adds M12 connection to M16 housing)			(Note 7)									L

(*)Refer to OI/DS-S26 for seal options

Additional ordering information model PGD100 Gauge Pressure Transmitters and PAD100 Absolute Pressure Transmitters
Add one or more options code after the basic ordering information to select all required options.

		XX	XX	XXX	XX	XX	XX	XX	XX
LCD Display (see FOOTNOTE)									
Glass touch LCD display with 2-button keypad	(Note 8)	D3							
Backlit glass touch LCD display with 2-button keypad		D4							
Extended performances*									
± 0.075 % extended base accuracy			E7						
± 0.1 % extended base accuracy			E9						
Hazardous area certifications (see relevant paragraph for complete detailed markings)									
ATEX Ex ia and Ex ta/tb	(Note 1, 8, 9, 11)			HAM					
CSA approvals (USA and Canada) IS (Gas and Dust)	(Note 1, 8, 9, 11)			HCM					
IECEX Ex ia and Ex ta/tb	(Note 1, 8, 9, 11)			HJM					
Combined ATEX, CSA approvals (USA and Canada) and IECEx (Gas and Dust)	(Note 1, 8, 9, 11)			HMM					
Approvals									
CSA ordinary location (USA and Canada)	(Note 1, 8, 9, 11)				GO				
CRN (Canadian Registration Number 0F03086.3C)	(Note 12)				GC				
Accessories									
External grounding terminal (fitted as standard if hazardous area certification code Hxx is selected)						AG			
Mounting bracket									
Universal for pipe or wall mounting / AISI 304 ss (1.4301)		(Note 2, 9)					BU		
OUTPUT CONFIGURATION									
SIL Safety Parameters Declaration		(Note 8, 9, 10)						NL	
Software application									
Calibration to specified measuring span (incl. calibration record) and /or tag no. on additional tag plate				(Note 3)					SU
Alarm setting to low current of 3.6 mA									SA
Digital access diagnostics (requires backlit LCD display code D4)									SD
Local configuration (Easy Set Up) for 4..20mA Version				(Note 4)					SE

NOTE - Refer to hazardous atmosheres paragraph for compliance of digital display
(*) Total performance of PXD shall be calculated considering also the other factors stated in the S26 datasheet/ manual

...Ordering Information

...Additional ordering information model PGD100 Gauge Pressure Transmitters and PAD100 Absolute Pressure Transmitters

		XX	XXX	XX
Inspection/compliance certificates				
Inspection certificate EN 10204–3.1 of calibration (5-point)	(Note 5)	CF		
Inspection Certificate UNI EN 10204 3.1 (9 points calibration) (PENDING)	(Note 6)	CN		
Inspection certificate EN 10204–3.1 of cleanliness stage		CC		
Inspection certificate EN 10204–3.1 of helium leakage test of the sensor module		CL		
PMI test on wetted parts		CP		
Inspection certificate EN 10204–3.1 of the pressure test		CH		
Certificate of compliance with the order EN 10204–2.1 of instrument design		CD		
Inspection certificate EN 10204–3.1 of process wetted parts		CM		
Test report EN 10204-2.2 of the pressure bearing and process wetted parts		CW		
Labels				
Label and display visualization in imperial units (Pressure = inH2O/ psi at 68 °F; Temperature = deg. F)			LTU	
Supplemental wired–on stainless steel plate (4 lines, 32 characters each)			LEW	
Label and display visualization in Chinese			LTS	
Manuals				
German				M1
Italian (PENDING)				M2
Spanish (PENDING)				M3
French (PENDING)				M4
English				M5
Chinese (PENDING)				M6
Portuguese (PENDING)				MA
Russian (PENDING)				MB

Note 1: Hazardous area certification and CSA ordinary location options are mutually exclusive
Note 2: Available only when coupled with S26 remote mount
Note 3: Option code SU has to be ordered if 0 to URL calibration record is required
Note 4: Available only with Output code A
Note 5: Option code CF provides an inspection certificate of calibration 0 to URL
Option code SU should be also selected if the inspection certificate is required for calibration different from 0 to URL
Note 6: Mutually exclusive with Inspection certificate code CF
Note 7: Only available with Housing code U, M or H
Note 8: Not available with Protocol/Output code L
Note 9: Not available with housing material Xenoy™ code M, N, P
Note 10:Available only with Display D3, D4
Note 11:Not available with housing material code H, Y, W
Note 12:Not available with any Hazardous Area Certifications

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

- For general purpose applications (no Ex application certification)
- No display, no mounting bracket
- Short-form leaflet instruction and labels in English
- Configuration with kPa and deg. C units
- No test, inspection or material traceability certificates

IMPORTANT REMARK FOR ALL MODELS

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