

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

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														
40 kPa	400 mbar	160 inH <sub>2</sub> O (300 mmHg)				F								
250 kPa	2500 mbar	1000 inH <sub>2</sub> O (1875 mmHg)				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	(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						
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 (HP)		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														
AISI 316 L ss / M16 x 1.5 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
Protocol/Output – 16th characters														
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

**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	XXX	XX	XX	XX	XX	XX
<b>Display (NOTE)</b>								
Glass touch LCD display with 2-button keypad	D3							
Backlit glass touch LCD display with 2-button keypad	D4							
<b>Extended performances</b>								
± 0.10 % extended base accuracy	E9							
<b>Hazardous area certifications (see relevant paragraph for complete detailed markings)</b>								
ATEX Ex ia and Ex ta/tb	(Note 4)	HAM						
CSA approvals (USA and Canada) IS (Gas and Dust)	(Note 4)	HCM						
IECEX Ex ia and Ex ta/tb	(Note 4)	HJM						
Combined ATEX, CSA approvals (USA and Canada) and IECEx (Gas and Dust)	(Note 4)	HMM						
<b>Approvals</b>								
CSA ordinary location (USA and Canada)	(Note 4)	GO						
<b>Physical application</b>								
Oxygen service cleaning, (only available with inert oil fill)	(Note 5)	P1						
Pmax =10 MPa for Galden; Tmax=60 °C/140 °F or max. working pressure								
<b>Accessories</b>								
External grounding terminal (fitted as standard if hazardous area certification code Hxx is selected)		AG						
<b>Mounting bracket</b>								
Universal for pipe or wall mounting / AISI 304 ss (1.4301)		BU						
<b>Software application</b>								
Calibration to specified measuring span and/or tag number (and printed on plastic label)	(Note 6)							SC
Alarm setting to low current of 3.6 mA								SA
Digital access diagnostics (requires backlit LCD display code D4)								SD

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

## ...Ordering information

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

	XX	XXX	XX
<b>Inspection/compliance certificates</b>			
Inspection certificate EN 10204–3.1 of calibration (5-point) (Note 7)	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		
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		
Certificate of compliance with the order EN 10204–2.1 of pressure bearing and wetted parts	CW		
<b>Labels</b>			
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	
<b>Manuals</b>			
German			M1
Italian			M2
Spanish			M3
French			M4
English			M5
Chinese			M6

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 D

Note 4: Hazardous area certification and CSA / FM ordinary location options are mutually exclusive

Note 5: Not available with DIN EN 837-1 G 1/2 B (HP) process connection code C

Note 6: Option code SC has to be ordered if 0 to URL calibration record is required

Note 7: Option code CF provides an inspection certificate of calibration 0 to URL

Option code SC should be also selected if the inspection certificate is required for calibration different from 0 to URL

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

- For general purpose applications (no Ex application certification)
- Buna O-ring for G 1/2 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.