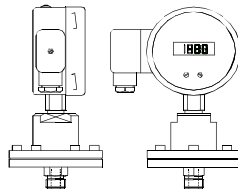


# DIAPHRAGM SEAL DIGITAL PRESSURE GAUGES, TYPE PES

## TYPE PES, with all-stainless chemical seal

### STANDARD MODEL

**CASE** : bayonet lock, AISI304/1.4301, IP65  
**WETTED PARTS** : AISI316/1.4571  
**WINDOW** : mineral glass 4 mm  
**DISPLAY** : 3½ - digit LCD, 12 mm high  
**ELECTR. PROT.** : against reverse voltage  
**EMISSION** : EN55022, class B  
**CONNECTION CABLE** : screened twisted pair  
**IMMUNITY** : IEC-801-2/3/4  
**ACCURACY** : gauge : <0.5% F.S.



EXAMPLE: PES100XA-06

**RANGE** : from -1/0.6 and 0-1.6 - 60 bar  
 high pressure ranges (max. 600 bar): see page 3  
**POWER SUPPLY** : + 13...35Vdc  
**T<sub>process</sub>** : -20/+120 °C (-40°C upto +250°C on demand)  
**PROCESS TEMP.** : -20...+120 °C  
**AMBIENT TEMP.** : 0...+ 55 °C  
**TEMP. DRIFT** : ± 0.02%/ °C over Tambient  
**OPTIONS** : transmitter 4-20 mA (see PT2 on page 3)

TYPE	SEAL MODEL	DN	MINIMUM PN	MAXIMUM PN	CASE DIAMETER (Ø in mm)
					100
PES100XA-01	 FLUSH DIAPHRAGM	½" BSP/NPT	25 bar	600 bar	
PES100XA-02		¾" BSP/NPT	16 bar	600 bar	
PES100XA-03		1" BSP/NPT	1,6 bar	600 bar	
PES100XA-04	 FLUSH DIAPHRAGM	1" BSP FEMALE	25 bar	600 bar	
PES100XA-05		1¼" BSP FEMALE	25 bar	600 bar	
PES100XA-06	 INTERNAL DIAPHRAGM	½" BSP/NPT	1,6 bar	40 bar	
PES100XA-07		¾" BSP/NPT	1,6 bar	40 bar	
PES100XA-08		1" BSP/NPT	1,6 bar	40 bar	
PES100XA-09	 INTERNAL DIAPHRAGM	½" BSP/NPT MALE	1,6 bar	100 bar	
PES100XA-10		½" BSP/NPT MALE	100 bar	250 bar	
PES100XA-11	 INTERNAL DIAPHRAGM	½" BSP/NPT FEMALE	1,6 bar	100 bar	
PES100XA-12		½" BSP/NPT FEMALE	100 bar	250 bar	
PES100XA-13*	 INTERNAL DIAPHRAGM	1" ASA or NW25-DIN	1,6 bar	150# or PN 40	
PES100XA-14*		1½" ASA or NW40-DIN	1,6 bar	150# or PN 40	
PES100XA-15*		2" ASA or NW50-DIN	1,6 bar	150# or PN 40	
PES100XA-16*	 FLUSH DIAPHRAGM	1" ASA or NW25-DIN	1,6 bar	150# or PN 40	
PES100XA-17*		1½" ASA or NW40-DIN	1,6 bar	150# or PN 40	
PES100XA-18*		2" ASA or NW50-DIN	1,6 bar	150# or PN 40	
<b>OPTIONS</b>					<b>EXTRA COSTS</b>
PTFE (LINING) WETTED PARTS	FOR TYPES: XX= 16, 17 AND 18				
PES100XC-xx	 EXAMPLE: PES100XC-06	OFF-CENTRE BACK CONNECTION			
COOLING ELEMENT for all types	 EXAMPLE: PES100XC-09	FOR ALL A.M. TYPES PROCESS TEMPERATURES UPTO +250°C			

\* Other pressure ratings, flange sizes, materials and in-line connections on demand