

PX-I Series

Pressure transmitter for general industrial applications

Feature

- MEMS technology
- Perfect long term stability
- CE certificate
- Digital calibration
- G1/4", 4-20mA, M12 connector
- 0,5% accuracy
- Pressure range 0~6...400bar

Applications

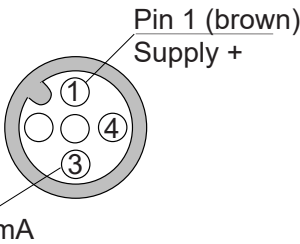
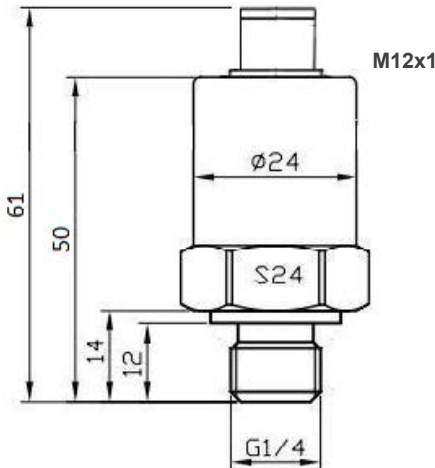
- Water pump
- Hydraulic control
- Air conditioner control
- Refrigerator, etc.

Description

PX-I series is one of our most popular pressure transmitter applied for e.g. water pump, auto engines, air conditioning equipments. The ceramic pressure sensor feature high stability, small size and ligh weight. Robust and compact housing in stainless steel and sensing elements selected from leading European brands. High performance and cost effective due to mass production and digital calibration. Customized models on request.



HM 2109

Wiring	Drawing
M12x1 connector View onto device  Pin 1 (brown) Supply + Pin 3 (blue) Signal 4-20mA	 61 50 14 12 24 G1/4 M12x1

Specifications

pressure medium	gas liquid compatible stainless steel
pressure ranges	0~6...400bar
overload pressure	150%FS
Broken Pressure	300%FS
output signal	4~20mA, 2-wire
accuracy	0.5%FS
load resistance	$RL = (U-10)/0.02(\Omega)$
long term stability	0.5%FS/year
supply voltage	10~30V
compensated temperature range	-10~80°C
operating temperature range	-40~+120°C
storage temperature range	-40~+140°C
insulation resistance	>100MΩ@ 50VDC
response time	10ms
EMC	EMI:EN50081-1/-2, EMS:EN50082-2
process connection	G1/4"
electrical connection	M12x1 (A-code), IP 65
material of wetted part	1Cr18Ni9Ti, NBR gasket
material of pressure membrane	316L
material of housing	Stainless Steel 1Cr18Ni9Ti
weight	88g

General data:

G1/4", 4-20mA, 0,5%, M12 connector

Available models:

Art No:

PX-I-006-B-1-HS (0-6 bar)

PX-I-010-B-1-HS (0-10 bar)

PX-I-025-B-1-HS (0-25 bar)

PX-I-040-B-1-HS (0-40 bar)

PX-I-100-B-1-HS (0-100 bar)

PX-I-250-B-1-HS (0-250 bar)

PX-I-400-B-1-HS (0-400 bar)

Others on request