

MPP

Pressure Transmitter



OVERVIEW

Operation

The MPP series Pressure Sensor has a one-piece machined PVDC, PVC body and ceramic diaphragm for superior compatibility in corrosive liquids. Three pressure versions allow for optimal resolution matched to your sensing needs.

Features

- Compact design
- High corrosion resistant
- Flush ceramic diaphragm
- Low cost
- Pressure or level measurement
- Simple installation

Application

- Chemical industry
- Supporting equipment of instruments
- Pressure laboratory
- Mechanical engineering automation



OPERATING DATA

Temperature Limit

-40...100°C

Ambient Limit

-25...85°C

Stability

0.15% of FS/year

Accuracy

±0.5% FS

Overpressure

FS x 2

Enclosure

IP67

Repeatability

0.05% FS

Units

Bar, MPa, PSI, kg/cm²

MEASURING RANGES

Maximum Pressure Range DP

0-16 bar

MATERIALS

Body

PVC, PTFE, PVDF

Diaphragm

Al₂O₃ ceramic

CONNECTION

Thread

G or NPT 1/4", 1/2", 1"

ELECTRICAL DATA

Power Supply

24 VDC

Output

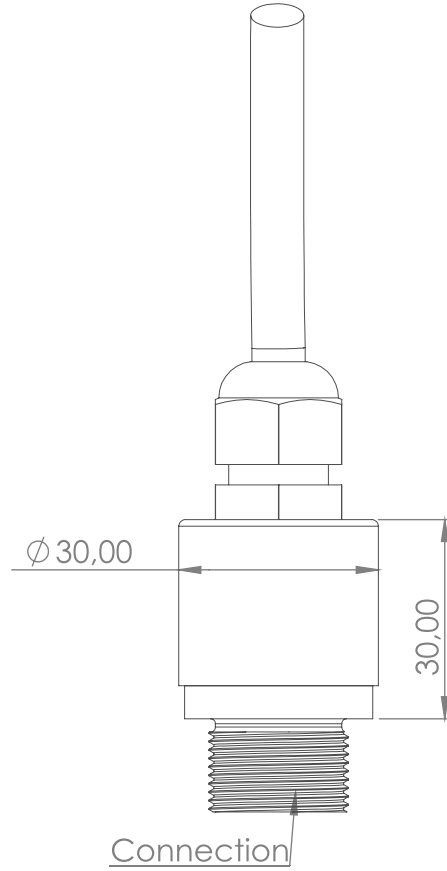
4-20 mA two wire

0-10 VDC

0,5-4,5 VDC ratiometric



TECHNICAL DRAWINGS AND DIMENSIONS



MEASURING RANGES

Code	Range	Code	Range	Code	Range
001	0...0,6 Bar	004	0...2,5 Bar	007	0...10 Bar
002	0...1 Bar	005	0...4 Bar	008	0...16 Bar
003	0...1,6 Bar	006	0...6 Bar	XXX	Special Ranges



ORDERING

Model	
MPP	Pressure Transmitter

Material	
PV	PVC
PF	PVDF
PT	PTFE

Output	
420	4-20 mA, two wire
010	0-10 VDC
545	0,5-4,5 VDC ratiometric

Measuring Range	
XX	Please look at the "measuring range table" for code

Measuring Type	
01	Relative
02	Absolute

Connection	
01	G 1/4" thread
02	G 1/2" thread
03	G 1" thread
04	1/4" NPT thread
05	1/2" NPT thread
026	1" NPT thread

Cable	
XX	Please specify in order as unit is meter

