

Pressure Sensor 0÷1 Bar Pressure Sensor 0÷10 Bar

Feature

- 0.5%F.S, 1%F.S Accuracy
- Diffused Silicon sensor
- Current output
- Intrinsic Safety certification
- CE Certification

Application

- Hydraulic Monitoring
- Constant Water Supply
- Frequent Water Supply
- Level
- Sewage Treatment
- Water-saving Irrigation
- Urban Flood Control



Parameter	Value
Measurement range	0÷1 bar 0÷10 bar
Overload pressure	1.5 times rated pressure
Broken pressure	3 times rated pressure
Accuracy	±0.5F.S, ±1%F.S
Stability	Typical value: 0.25%F.S, Maximum value: 0.5%F.S
Operating temp	-40°C ÷ 85°C
Compensating temp	-10°C ÷ 60°C
Medium compatibility	corrosive medium compatible with Cr18Ni9Ti, 316L
Case	Stainless steel AISI 316
Signal output	4÷20mA
Power supply	10÷30Vdc
Insulation	>100MΩ@50V
Electrics connector	Cable
IP Rate	IP68
Pressure Connection	G1/4
Response time	10ms
Pressure form	Gauge pressure
Certification	Intrinsically safe, RoHS certification, CE certification
Electromagnetic compatibility	Electromagnetic radiation: EN50081-1/-2; electromagnetic sensitivity: EN50082-2;
Lightning Protection	Air-conduction voltage: 8000V Shell,cable conduction voltage:4000V

