



## Industrial Pressure Sensor PS-211A



### Product Features:

- Advanced micro fused silicon strain gauge
- leak free elastomer structure
- Integrated temperature compensation
- Highly corrosion resistant SS housing
- Excellent shock, overload, & vibration resistance
- Independent temperature and pressure outputs

### Applications:

- Industrial process and control
- Automated detection
- Hydraulic and full-motion control
- Water treatment system
- Industrial machinery manufacturing
- Pumping stations

### Product Description

PS-211A industrial pressure sensor glass micro-melting process, the overall structure design of the elastomer, no hidden danger of leakage; lightning protection, strong resistance to radio frequency and electromagnetic interference protection; temperature digital compensation function, wide operating temperature range; high precision, High frequency response, good long-term stability.



### Technical Parameters

Product number	PS-211A
Pressure type	Gauge pressure, absolute pressure, sealed pressure
Standard range	0~6...600 bar
Signal output	4~20mA, 0.5~4.5VDC, 0~5VDC, 0~10VDC
Supply voltage	9~30VDC, 5VDC (0.5~4.5V), 15~30VDC (0~10V)
Accuracy	±0.5%FS, ±1%FS
Long-term stability	±0.1%FS/year
Temperature compensation	-20~+85°C
Operating temperature	-40~+85°C
Storage temperature	-40~+85°C
Overload pressure	300%FS
Breaking pressure	500%FS
Impact (11mS)	100g
Protection level	IP65
Material	17-4PH
Electrical connections	Direct lead, M12 connector, Packard connector, Hirschmann (Mini), Hirschmann (DIN43650)
Pressure port	M20X1.5 G1/4 NPT1/4 (others need to be customized)