



Pressure Sensor

FST800-211 Universal Industrial Pressure Transmitter



- Features**
- Advanced Microfused Silicon Strain Gauge, whole-designed elastomer, free of leakage troubles
 - Efficient lightning protection and strong anti RFI&EMI protection.
 - Advanced digital temperature compensation and wide working temperature scope
 - High sensibility, high accuracy, high frequency response and good longterm stability
- Applicable Scope**
- Industrial process testing and control
 - Automatic testing system
 - Hydraulic and pneumatic systems
 - Pump station and water treatment system
 - Industrial machinery manufacture

Project	Parameter	
Standard Range	Pressure Type: gauge pressure absolute pressure sealed pressure	
	Pressure Range (bar) : 1 1.6 2.5 4 6 10 16 25 40 60 100 160 200 250 300 400 500 600	
	Pressure Range (psi) : 15 30 50 75 100 200 300 500 750 1K 1.5K 3K 5K 10K	
Technical Index	Signal output	4~20mA 0.5~4.5VDC 0~5VDC 0~10VDC
	Signal line specification	2wire 3wire 3wire 3wire
	Supply voltage	9~30VDC 5VDC 9~30VDC 15~30VDC
	Accuracy	±0.1%FS ±0.3%FS ±0.5%FS
	Zero Drift	±0.02%FS/°C
	Thermal Sensitivity Shift	±0.02%FS/°C
	Longterm Stability (1 Year)	±0.1%FS
	Frequency Response (-3dB)	3.2kHz
	Compensated Temperature	-20~+85°C
	Working Temperature	-40~+125°C
	Storage Temperature	-40~+125°C
	Overload Pressure	300% FS
	Burst Pressure	500% FS
	Mechanical Vibration	±20g
	Impact (11ms)	100g
	Environmental Protection	IP65
	Wetted Parts	17-4PH
	Electromagnetic compatibility(EMC)	EN61000-6
Certificates	CE RoHS	



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