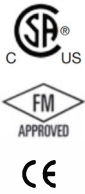


SC901 Series

Hazardous Location Approved 4-20 mA Vibration Transmitters

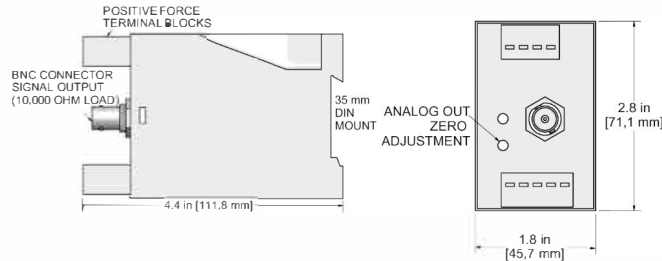


Product Features

Signal Conditioners Identify Transient Faults and Guard Against Failure Between Monitoring Cycles

Class I, Division 2 Approved SC for use in specified hazardous locations

- ▶ FM Approved Div. 2, Non-Incendive (FM3611), Class I, Div. 2, GRPS A, B, C, D, ambient temperature -40°C to +80°C temperature code T5
- ▶ Safe location apparatus must not use or generate in excess of 250 v
- ▶ Dynamic Vibration Output from BNC, 4-20 mA Output to SCADA, PLS or DCS



Specifications

Humidity Range	0-95% Relative, Non-Condensing
Connectors	Positive force terminal block contacts
Max Frequency Response	2 Hz to 20,000 Hz ±5%
Weight	6.4 oz (181 g)
Input Power	20 to 32 VDC/100 mA nominal
Max Load Resistance	600 ohms
Isolation	1000 VDC
Temperature Range	32 to 176°F (0 to 80°C)

Built to Order

Non-Incendive qualification does not require use of barriers

Ordering Information

SC901 - [] - [] - [] - [] - [] - []

Input Source	Full Scale Range	Unit	Type	High Pass Filter	Low Pass Filter
050A = 50 mV/g Accelerometer 100A = 100 mV/g Accelerometer 500A = 500 mV/g Accelerometer	001 = 0-1 020 = 0-20 002 = 0-2 050 = 0-50 005 = 0-5 100 = 0-100 010 = 0-10	I = IPS M = mm/s	P = Peak R = RMS	002 = 2 Hz 100 = 100 Hz 005 = 5 Hz 200 = 200 Hz 010 = 10 Hz 500 = 500 Hz 020 = 20 Hz 01K = 1000 Hz 050 = 50 Hz	050 = 50 Hz 01K = 1000 Hz 070 = 70 Hz 02K = 2000 Hz 100 = 100 Hz 05K = 5000 Hz 200 = 200 Hz 10K = 10000 Hz 500 = 500 Hz 20K = 20000 Hz

Lifetime Warranty on Materials & Workmanship

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