

# SC901 Series

## Hazardous Area, Factory Configured Vibration Signal Conditioners

formerly listed as VT series

### SC901 (as shown)



## Product Features

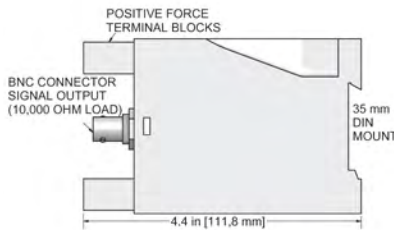
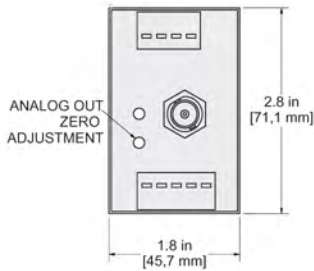
**Signal Conditioners Identify Transient Faults and Guard Against Failure Between Monitoring Cycles.**

**Class 1, 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*
- *Non-Incendive qualification does not require use of barriers*
- *Safe location apparatus must not use or generate in excess of 250 v*

## 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
Input Power	24 to 32 VDC unregulated / 225 mA Maximum
Power	24 to 32 VDC unregulated / 100 mA nominal
Maximum Load Resistance	600 ohms
Isolation	1000 VDC



## Ordering Information

SC901  -  -  -  -

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

Example Part Number: **SC901-100A-020-IR-010-01K** (standard ISO configuration)



**Lifetime Warranty on Materials & Workmanship**