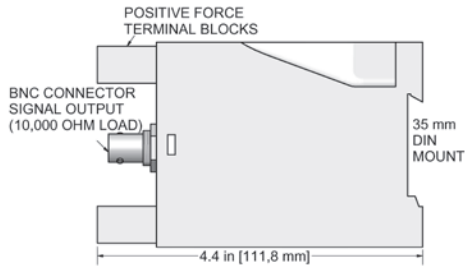
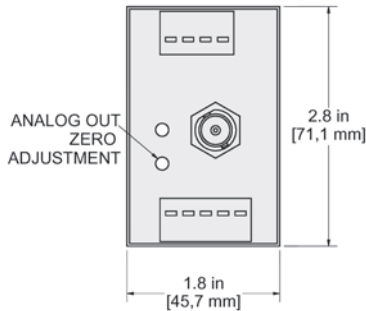


SC901 Series

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 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
- Non-Incendive qualification does not require use of barriers
- 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
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-002IR-010-01K (standard ISO configuration)
 100 mV/g, 0-2 range, IPS, RMS units, 10Hz high pass filter, 1000Hz low pass filter

Lifetime Warranty on Materials & Workmanship

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