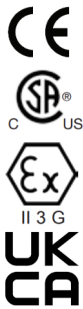


TA935 Series



VIBRATION ANALYSIS HARDWARE

Low Capacitance, Class I, Division 2 / Zone 2 Dual Output Sensor,
Acceleration and Temperature, Top Exit 3 Pin Connector, 100 mV/g,
10 mV/°C, ±10%



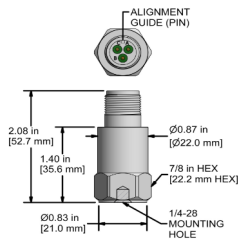
Regulatory Information

Ex nA IIC T3 Gc	Ui = 28 Vdc Ii = 100 mA
AEx nA IIC T3 Gc	Ci = 0µf Li = 51µH Pi =
CLI Groups A, B, C, D	100 mW
CLII Groups E, F, G; CLIII	CSA 221421
CLI, Zone 2	Sira 15ATEX2152X
Operating Temperature Code: T3 Ex nA IIC T3 Gc	
Ambient Temperature Range =	
-40 to 121°C	

TA935-1A

3 Pin Connector

Connector	Polarity
Pin	
A	(+) Signal/Power
B	(-) Common
C	(+) Temperature Voltage

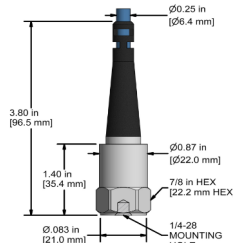


Stock Product

TA935-2C

CB191 Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
White	(+) Temperature Voltage
Shield	Cable Drain Wire

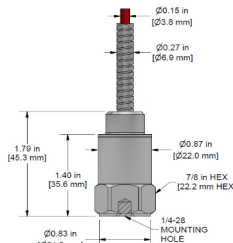


Built To Order

TA935-3C

CB218 Armored Integral Cable

Conductor	Polarity
Red	(+) Signal/Power
Black	(-) Common
White	(+) Temperature Voltage
Shield	Cable Drain Wire



Built To Order

Specifications	Standard	Metri Specifications	Standard	Metric
Part Number	TA935	M/ or Environmental		
Sensitivity (±10%)	100 mV/g	M8/TA935	Operating Temperature Range -40 to 250 °F	-40 to 121 °C
Frequency Response (±3dB)	30-900,000 CPM	0.5-1500 Hz	Maximum Shock Protection	5,000 g, peak
Frequency Response (±10%)	60-360,000 CPM	1.0-6000 Hz	Electromagnetic Sensitivity	CE
Dynamic Range	± 80 g, peak		Sealing	Welded, Hermetic
Temperature Measurement Range	36.5 to 212 °F	2.5 to 10 °C	Sensing Element	PZT Ceramic
Temperature Output	10 mV/°C		Sensing Structure	Shear Mode
Electrical			Weight	3.2 oz / 90 grams
Settling Time	<2 seconds		Case Material	316L Stainless Steel
Voltage Source (IEPE)	18-28 VDC		Mounting Thread	1/4-28 Blind Tapped Hole
Constant Current Excitation	2-10 mA		Connector (Non-Integral)	MIL-C-5015
Spectral Noise @ 10 Hz	30 µg/√Hz			
Spectral Noise @ 100 Hz	19 µg/√Hz			