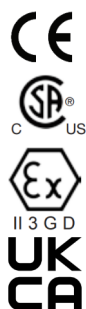


Nonincendive, CSA North America Class 1, Division 2 and ATEX Zone 2 Approved Loop Power Sensor, 4-20 mA Output Proportional to Vibration in Acceleration, Top Exit 2 Pin Connector



VIBRATION ANALYSIS HARDWARE



Product Features

CSA North America Class I, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups F and G; Class III

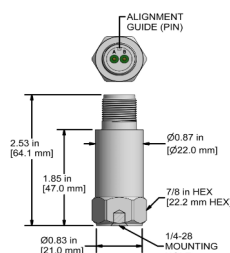
ATEX EU Zone 2 Approved

- ▶ Outputs to PLC, DCS, SCADA
- ▶ NOTE: Class I, Division 2 / Ex nA IIC when installed using an approved Zone 2 / Division 2 rated cable in accordance with the CEC or the NEC.
- ▶ Suggested Approved Cabling: CB190 or CB296 Cable and Q2A or Q2N Connectors

-LP922-XXX-1B

2 Pin Connector

Connector	Polarity
Pin	
A	(+) Loop Power mA Output
B	(-) Common

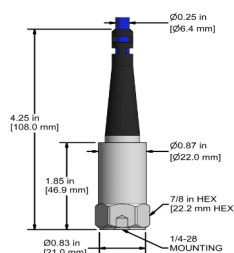


Built To Order

-LP922-XXX-2C

Integral Cable (CB190)

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
Shield	Cable Drain Wire

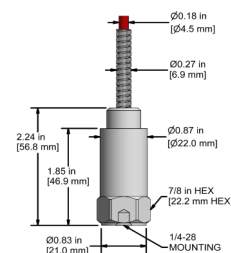


Built To Order

-LP922-XXX-3C

Armored Integral Cable (CB206)

Conductor	Polarity
Red	(+) Loop Power mA Output
Black	(-) Common
Shield	Cable Drain Wire



Built To Order

Specifications			Standard	Metric
Part Number	LP922	M/ or M8/LP922	Physical	
Tolerance: 4 mA	(± 10%)		Sensing Element	PZT Ceramic
Tolerance: 20 mA	(± 10%)		Sensing Structure	Shear Mode
Electrical			Weight	3.7 oz105 grams
Settling Time	<60 Seconds		Case Material	316L Stainless Steel
Voltage Source (IEPE)	12-28 VDC		Mounting Thread	1/4-28 Blind Tapped Hole
Case Isolation	>10 ⁸ ohm		Connector (Non-Integral)	2 Pin MIL-C-5015
Environmental			Mounting Torque	2 to 5 ft. lbs.2,7 to 6,8 Nm
Operating Temperature Range	-4 to 176 °F	-20 to 80 °C	Mounting Hardware Supplied	1/4-28 StudM6x1 or M8x1.25 Adapter Stud
Electromagnetic Sensitivity	CE		Calibration Certificate	Current Output @ 100 Hz
Sealing	Welded, Hermetic			

Ordering Information

						Integral Options	
Stud Type Blank = ¼-28 M = M6x1 M8 = M8x1.5	Sensor Type 922 = 4-20 mA Acceleration Loop Power, Class I Div 2 932 = 4-20 mA Acceleration Loop Power, Class I Div 2, Low Capacitance	Measurement Range 0 = 0-1 g 1 = 0-2 g 2 = 0-5 g 10 = 0-10 g 20 = 0-20 g	Type P = Peak R = RMS	Frequency Range ±3dB 1 = 600-60000 CPM (10-1000 Hz) 2 = 180-150000 CPM (3-2500 Hz)	Style 1B = 2 Pin MIL C-5015 2C = Integral Cable 3C = Armor Jacket	Armor Length (Integral) 010 = 10 ft/3 m 020 = 20 ft/6 m 030 = 30 ft/9 m 050 = 50 ft/15 m 100 = 100 ft/30 m	Cable Length (Integral) 010 = 10 ft/3 m 020 = 20 ft/6 m 030 = 30 ft/9 m 050 = 50 ft/15 m 100 = 100 ft/30 m
						<i>*Custom Lengths Available Upon Request</i>	