



CMCP422ATS-IP Series Loop Powered 4-20mA Acceleration Sensor Side Exit, IP68 Submersible Cable



Features:

- Loop Powered 4-20mA Output
- Acceleration RMS or Peak
- Side Exit 5m (16') Braided Armor Integral Cable
- Interfaces Directly to PLC/DCS System
- Two Different Ranges Available
- 10Hz to 5kHz (600 CPM to 300k CPM)
- -13 to 194°F (-25 to 90°C) Temperature Range
- Sealed to IP68

Typical Applications

Fans, Motors, Pumps, Compressors, Centrifuges, Conveyors, Air Handlers, Gearboxes, Rolls, Dryers, Presses, Cooling, HVAC, Spindles, Machine Tooling, Process Equipment and many more.

Technical Performance

Mounted Base Resonance:	10 kHz Min.
Ranges:	See Ordering Information Below
Frequency Response:	10 Hz to 5 kHz ± 5%
	600 CPM to 300k CPM
	ISO 10816
Isolation:	Base Isolated with Faraday Cage
Transverse Sensitivity:	Less than 5%

Electrical

Output Current:	4-20mA DC Proportional to RMS or Peak Acceleration (g)
Supply Voltage:	15 to 30 VDC
Settling Time:	2 Seconds
Output Impedance:	Loop Resistance 600 Ohms Max @ 24VDC
Case Isolation:	>10 ⁸ Ohms at 500 Volts

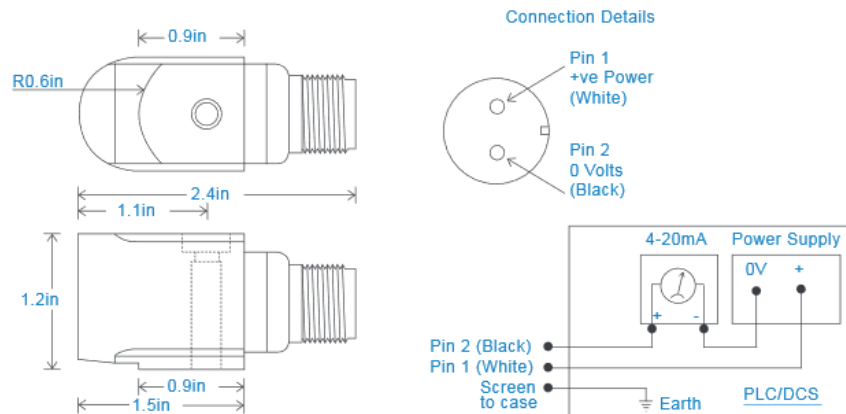
Environmental

Operating Temperature Range:	-13 to 194°F (25 to 90°C)
Sealing:	IP68
Maximum Shock:	5000 g

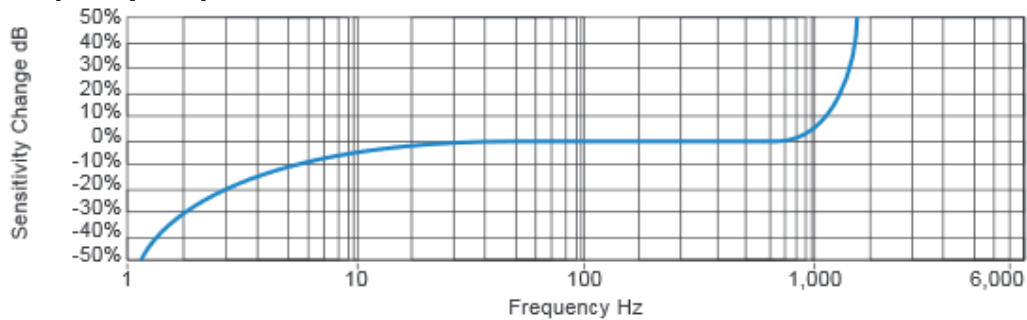
Mechanical

Case Material:	Stainless Steel
Sensing Element:	PZT/Compression Type
Mounting Torque:	5.9 ft. lbs (8Nm)
Weight:	6.5 Oz (185g)
Mounting:	1/4"-28 Captive Bolt
Mating Connector:	PUR Jacketed Cable

Dimensions



Typical Frequency Response



Ordering Information:

CMCP422ATS	-XX	-X	-XXX	Description
	-01			1 g Full Scale
	-02			2 g's Full Scale
	-05			5 g's Full Scale
	-10			10 g's Full Scale
		-R		RMS Detection
		-P		Peak Detection
			-C	2 Pin MS 5015 Connector
			-M12	M12 Eurofast Connector
			-IP	Integral PUR Submersible Cable
				Specify Cable Length In Meters After -IP (Ex. -IP20 for 20 Meters)

Similar Products:



CMCP422ATS-XX-X-M12
M12 Eurofast Connector



CMCP422ATS-XX-X-C
2 Pin MS 5015 Connector