

CMS210 Series Signal Conditioner Acceleration 4-20mA Output

Protecting ...

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

Key Features Signal Conditioner

- Acceleration Output (g's)
- Accelerometer Input
- 5 Selectable Ranges
- 4-20mA Output
- Two Buffered Outputs
- Class 1 Division 2, Groups B-D

Key Features Relay

- OK, Alert and Danger Alarms
- 5A@250VAC Relay Output
- Latching or Non-Latching Alarms
- Trip Multiply (2x or 3x)
- Selectable Time Delay



Technical Performance			
Input	100 mV/g Accelerometer	Selectable Range	0 to 5.0 g's*
	Other Sensitivities Available On Request		0 to 10.0 g's
Frequency Range	2 to 20,000 Hz @-3db*		0 to 15.0 g's
Signal Detection	Peak or RMS*		0 to 20.0 g's
Output	4-20mA DC Proportional to g's Acceleration		0 to 25.0 g's
	600Ω Maximum resistive load	Buffered Output	Active Buffer , BNC and Terminal
Accuracy	1% Full Scale	Optional Filters	Optional Pluggable High Pass and Low Pass (additional charge applies)
Electrical			
Power	+24VDC 50mA Nominal (100mA w/Relay)	OK Circuit	Green LED (On=Okay)
	Reverse Polarity and Transient Protected		Not OK = Off and 4-20mA < 2.0 mA
Sensor Power	Internal 4.4 mA Constant Current Diode	Case	Isolated
Certifications	CE, RoHS, CSA & UL Approved Class I Division II B-D	Timed OK Danger Defeat	30 Sec. on Power Up or Loss of OK
Terminals	Screw Type, 24 AWG min, 12 AWG max		
Environmental Specifications		Mechanical Specifications	
Operating Temp.	Operating Temp.	Mounting	32mm (G Style) or 35mm (T Style) DIN Rail
Storage Temp.	-40 C to +95 C (-40 F to +203 F)	Dimensions	0.99 x 3.11 x 3.81 inch (W, H, D)
Relative Humidity	0 - 95% Non-Condensing		25.27 x 78.99 x 96.67 mm (W, H, D)
		Weight	0.21 lbs (95 g)

*Factory default setting, field configurable



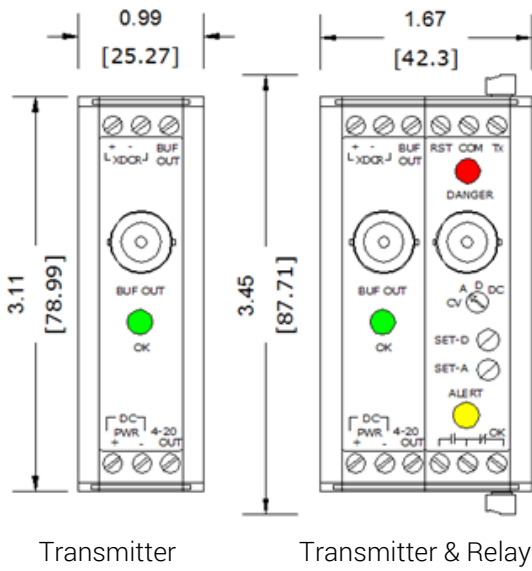
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