

CMS220 Series Signal Conditioner Velocity

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

- Velocity Output (Peak or RMS)
- Accelerometer or Velocity Input
- 4-20mA Output
- Two Buffered Outputs
- Class 1 Division 2, Groups B-D
- CE Approved

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
- API 670 Compliant



Technical Performance			
Input	100 mV/g Accelerometer	Selectable Range	0 to 0.5 ips (0 to 12.7 mm/s)
	100mV/in/sec		0 to 1.0 ips (0 to 25.4 mm/s)*
	Other Sensitivities Available On Request		0 to 1.5 ips (0 to 38.1 mm/s)
Frequency Range	2 to 2,000 Hz ISO Low Frequency @-3db*		0 to 2.0 ips (0 to 50.8 mm/s)
	10 to 1,000 Hz ISO Standard @-3db		0 to 2.5 ips (0 to 63.5 mm/s)
Output	4-20mA DC Proportional to Velocity	Signal Detection	Peak or RMS*
	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 Maximum	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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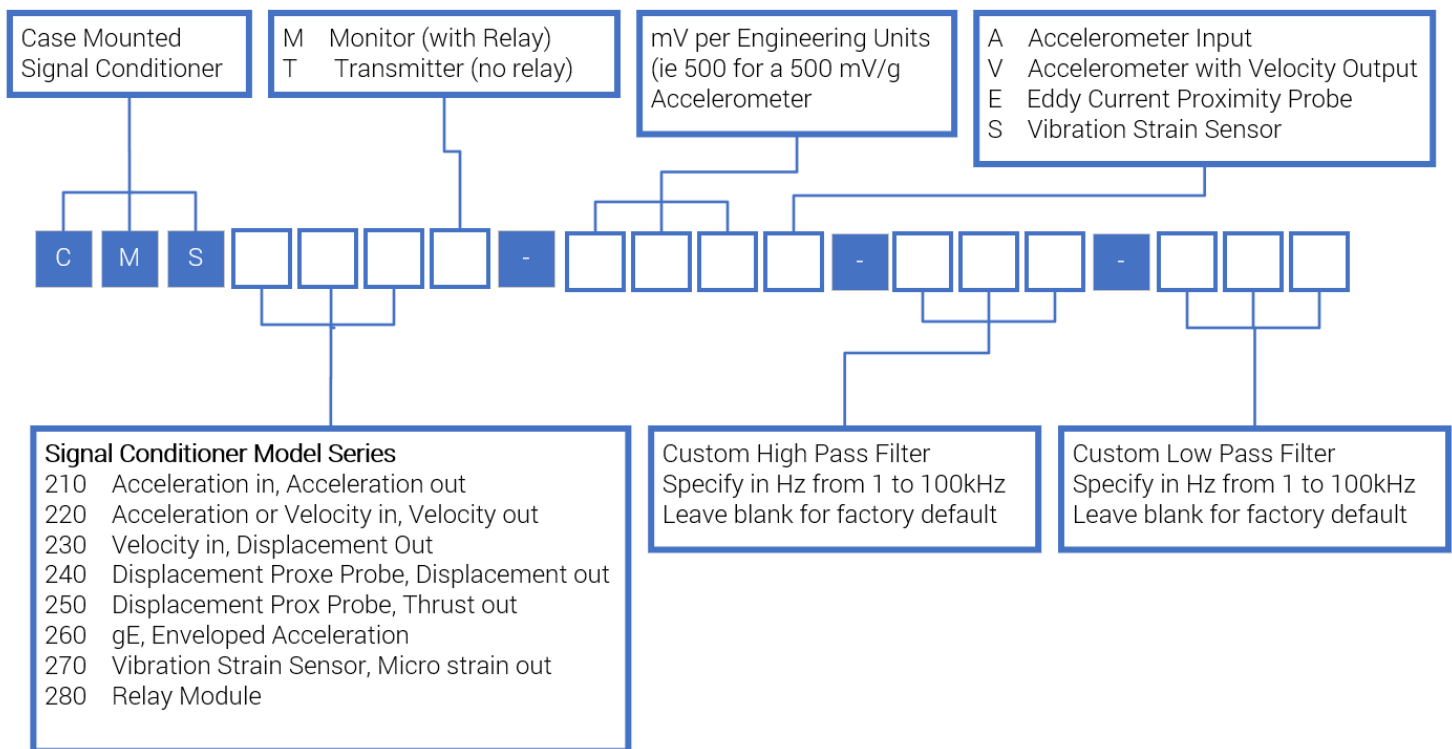


CMS200 Series Signal Conditioner

4-20mA Output

Optional Relay Module	
Relay Number	3 - OK, Alert, Danger
Alarm Indication	OK = Green LED, Alert = Yellow LED, Danger = Red LED
Relay Specification	3 - Form C, SPDT, 5 Amp 30 VDC/250 VAC, Latching and Non-Latching
Alarm Time Delay	Separately Selectable 0.1, 1.0, 3.0, 6.0, 10.0 Seconds
Trip Multiply Function	Terminal for None, 2x or 3x Alarm Limit Trip Multiply
Reset Function	Terminal for Remote Reset if Latching Alarms Selected
By Pass Function	Hold Reset to Common
Display Output	0-5 VDC Switch Selectable Current Value, Alert and Danger Set Point
Dimensions & Weight	1.67 x 3.11 x 3.81 inches (W H D); 0.40 lbs
	42.3 x 78.99 x 99.67 mm (W H D); 180 g

How to order:



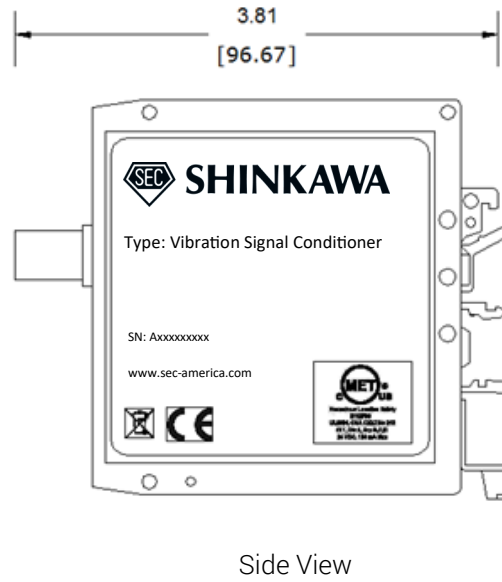
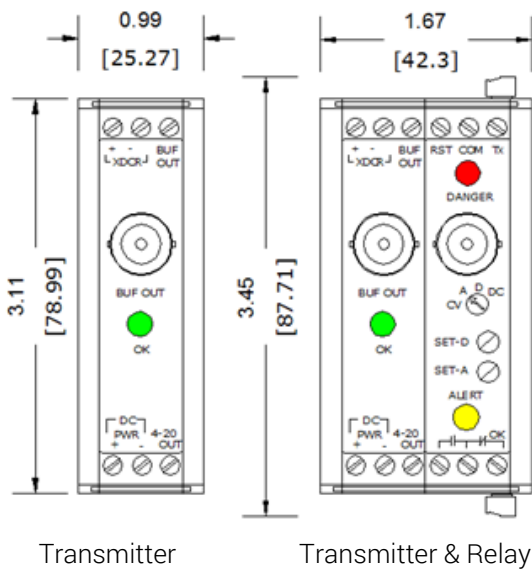
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CMS200 Series Signal Conditioner

4-20mA Output



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