

# SCD100 Series



VIBRATION ANALYSIS HARDWARE

Vibration Relay & Display System for CTC SC Series Signal Conditioners, with Options to Include Switch Relay or Display Only, Fiberglass Enclosure, NEMA 4X (IP66) Rated

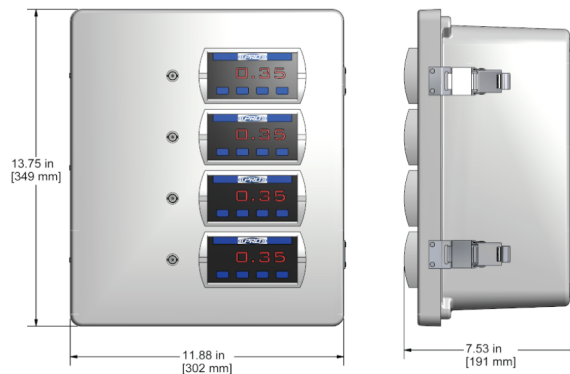


## Product Features

Display the vibration level from a signal conditioner. Compatible with CTC SC Series Signal Conditioners.

Capability to trigger alarms and shutdown machinery based on the amplitude of the overall vibration within a selected frequency range to protect critical machinery & processes from excessive vibration & catastrophic failure

- ▶ Sunlight viewable display of vibration levels: IPS, g's, mils or customized scale
- ▶ Relay includes two Form C relays per process controller



## Specifications

Temperature Range	32 to 140 °F (0 to 60 °C)
Enclosure Material	Fiberglass
Power	85 to 265 VAC universal power supply
Sensor Input Options	1 - 4 Channels
Rating	IP65
Door Closure	Snap Latches
Dimensions	11.88 x 13.75 x 7.53 in. (302 x 349 x 191 mm)
Resistance	Resistant to Hose Directed Fluid and Corrosion

## Ordering Information

SCD	□	□	□	-	□	□
<b>Enclosure Material</b>	<b>Input Signal<sup>§</sup></b>	<b>Signal Conditioner Count<sup>†</sup></b>	<b>Input Options</b>	<b>Output Options</b>		
1 = Fiberglass Enclosure, Standard Size	1 = Single Band Vibration Output, with Single Vibration Signal Input 2 = Single Band Vibration with Temperature Output (requires One Dual Output Vibration & Temperature Sensor Input) 5 = SC150 Series Single Vibration Band Output, With Single Vibration 100 mV/g Signal Input	1 = 1 Signal Conditioner 2 = 2 Signal Conditioners 3 = 3 Signal Conditioners 4 = 4 Signal Conditioners	A = User Defined** B = Conduit Fitting† C = Nylon Cord Grips	A = User Defined** B = Conduit Fitting†		
<p><sup>§</sup>All CTC Signal Conditioners only accept input from a single sensor. A dual output accelerometer is required for receiving vibration and temperature data.</p> <p><sup>†</sup>Limited to 2 channels if SC choice is single band and temperature.</p> <p><sup>**</sup>No punch outs are provided in the enclosure for cable entry. User may install any fitting required.</p> <p><sup>†</sup>For use with conduit.</p>						

Backed by our Unconditional Lifetime Warranty

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