

SCD100 Series

Vibration Relay & Display System for CTC SC Series Signal Conditioners, with Options to Include Switch Relay or Display Only, Fiberglass Enclosure, NEMA 4X (IP65) Rated, with Optional Stack Light and Horn Alarm

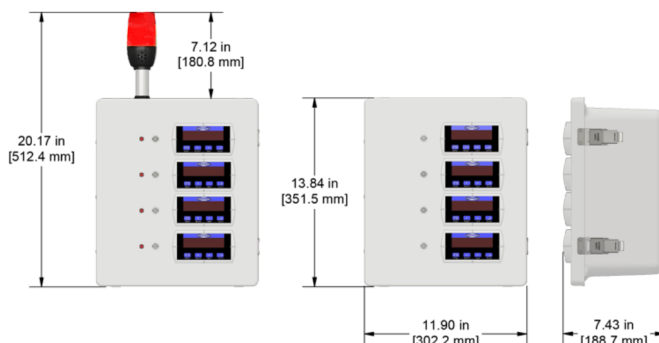


Product Features

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 (*shutdown feature only available when used without the optional stack light)

- ▶ Sunlight viewable display of vibration levels: IPS, g's, mils or customized scale
- ▶ Relay includes two Form C relays per process controller
- ▶ Optional red stack light with optional horn alarm can be programmed to flash or remain steadily on when in alert



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

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Enclosure Type	Input Signal¹	Signal Conditioner Count²	Input Options	Output Options	Stack Light	
1 = Fiberglass enclosure, standard size, stack light not included 5 = Fiberglass enclosure, standard size, stack light included	1 = Single band vibration output, with single vibration signal input 2 = Single band vibration with temperature output (requires one dual output vibration and temperature sensor input) 3 = Dual band vibration output, with single vibration signal 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 = No factory penetrations** B = Conduit fitting ¹ C = Nylon cord grips	A = No factory penetrations** B = Conduit fitting ¹	1 = Red stack light, user-configurable	
¹ All CTC signal conditioners only accept input from a single sensor. A dual output accelerometer is required for receiving vibration and temperature data. ² Limited to 2 channels if SC choice is single band and temperature. ^{**} No punch outs are provided in the enclosure for cable entry. User may install any fitting required. ¹ For use with conduit.						Available only if ordering SCD500 Series