

# PMX1000 Extended Capacity



VIBRATION ANALYSIS HARDWARE

Vibration Protection & Relay System for Single Output Loop Power Sensors, with Options to Include Switch Relay or Display Only, Fiberglass Enclosure, NEMA 4X (IP66) Rated, Input Options: 3 or 4 Single Output Loop Power Sensors

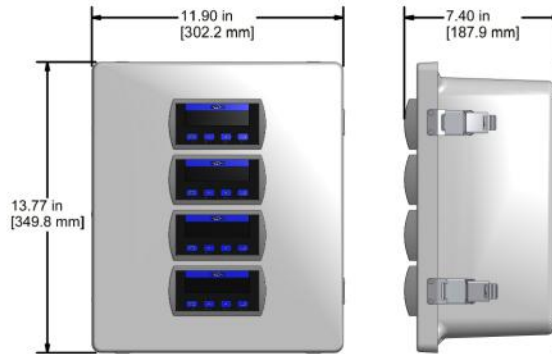


## Product Features

Protect critical machinery & processes from excessive vibration and catastrophic failure

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°F (0°C) to 140°F (60°C)
Enclosure Material	Fiberglass
Power	85 to 265 VAC universal power supply
Inputs	Up to (4) 4-20 mA Signals
Sensor Input Options	Input Options: 3 or 4 Single Output Loop Power Sensors
Rating	NEMA 4X
Door Closure	Snap Latch
Dimensions	11.90 x 13.77 x 7.40 in (302 x 350 x 188mm)
Resistance	Resistant to Hose Directed Fluid

## Ordering Information

PMX	<input type="text"/>	000	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	<input type="text"/>		
<b>Enclosure</b>	<b>Display Type</b>		<b>Input Channels</b>		<b>Enclosure Entry</b>		<b>Enclosure Exit</b>				
1 = Fiberglass Enclosure	1 = 1 Channel	2 = 2 Channels	3 = 3 Channels	4 = 4 Channels	R = Relay with Display	D = Display Only	A = None	B = ½ in. Conduit Fitting for Cable Entry & ½ in. Conduit Fitting for Power	C = Cord Grips (1 per channel) & ½ in. Conduit Fitting for Power	A = None	B = ½ in. Conduit Fitting

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# PMX1000 Standard Size



VIBRATION ANALYSIS HARDWARE

Vibration Protection & Relay System for Single Output Loop Power Sensors, with Options to Include Switch Relay or Display Only, Fiberglass Enclosure, NEMA 4X (IP66) Rated, Input Options: 1 or 2 Single Output Loop Power Sensors

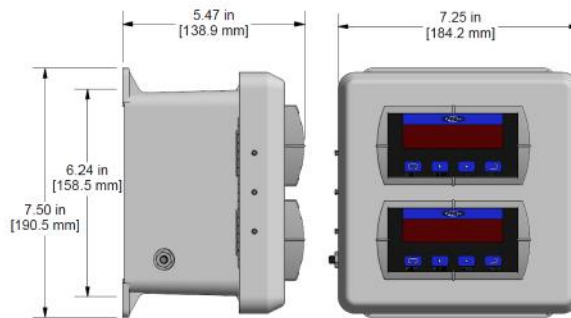


## Product Features

Display the vibration level from a loop power vibration sensor

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°F (0°C) to 140°F (60°C)
Enclosure Material	Fiberglass
Power	85 to 265 VAC universal power supply
Inputs	Up to (2) 4-20 mA Signals
Sensor Input Options	1 to 2 Single Output Loop Power Sensors
Rating	NEMA 4 (IP65 equivalent)
Door Closure	Snap Latches
Dimensions	7.25 x 7.50 x 5.47 in (184 x 191 x 139 mm)
Resistance	Resistant to Hose Directed Fluid

## Ordering Information

PMX	<input type="text"/>	000	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<b>Enclosure</b>	<b>Display Type</b>		<b>Input Channels</b>		<b>Enclosure Entry</b>		<b>Enclosure Exit</b>	
1 = Fiberglass Enclosure	1 = 1 Channel	2 = 2 Channels	3 = 3 Channels	4 = 4 Channels	R = Relay with Display	D = Display Only	A = None	B = ½ in. Conduit Fitting for Cable Entry & ½ in. Conduit Fitting for Power
							C = Cord Grips (1 per channel) & ½ in. Conduit Fitting for Power	B = ½ in. Conduit Fitting

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# PMX2000



VIBRATION ANALYSIS HARDWARE

Vibration Protection & Relay System for Single Output Loop Power Sensors, with Options to Include Switch Relay or Display Only, Stainless Steel Enclosure, NEMA 4X (IP66) Rated, Input Options: 2 Single Output Loop Power Sensors

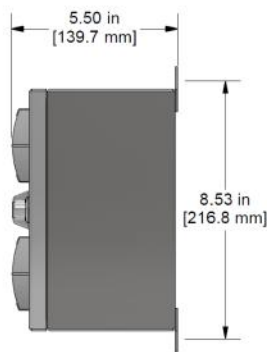
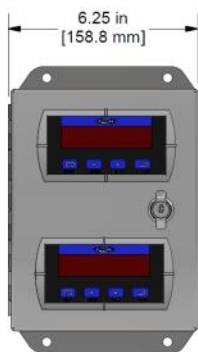


## Product Features

Display vibration level from a signal conditioner or a loop power vibration sensor

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°F (0°C) to 140°F (80°C)
Enclosure Material	Stainless Steel
Power	85 to 265 VAC universal power supply
Inputs	Up to (2) 4-20 mA Signals
Sensor Input Options	2 Single Output Loop Power Sensors
Rating	NEMA 4 (IP65 equivalent)
Door Closure	Snap Latches
Dimensions	6.25 x 8.51 x 5.50 in (159 x 217 x 140 mm)

## Ordering Information

PMX	<input type="text"/>	000	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<b>Enclosure</b>	<b>Display Type</b>		<b>Input Channels</b>		<b>Enclosure Entry</b>		<b>Enclosure Exit</b>			
1 = Fiberglass Enclosure 2 = Stainless Steel Enclosure	2 = 2 Channels		R = Relay with Display D = Display Only		A = None B = ½ in. Conduit Fitting for Cable Entry & ½ in. Conduit Fitting for Power C = Cord Grips (1 per channel) & ½ in. Conduit Fitting for Power		A = None B = ½ in. Conduit Fitting			

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# SCD100 Series



VIBRATION ANALYSIS HARDWARE

Vibration Protection & Relay System for CTC SC300 Series Signal Conditioners, with Options to Include Switch Relay or Display Only, Fiberglass Enclosure, NEMA 4X (IP66) Rated

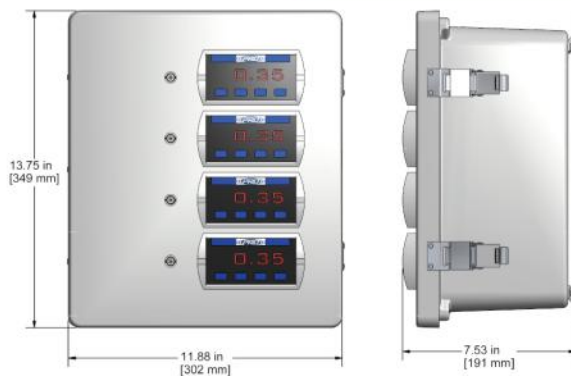


## Product Features

Display the vibration level from a signal conditioner. Compatible with CTC SC300 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°F (0°C) to 140°F (60°C)
Enclosure Material	Fiberglass
Power	85 to 265 VAC universal power supply
Sensor Input Options	1-4 Channels
Rating	NEMA 4X (IP66 equivalent)
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 and Temperature Output, with Dual Vibration and Temperature 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*

<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.

<sup>†</sup>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.

<sup>†</sup>For use with conduit.

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