

Proximity Probe Vibration Protection & Relay System



Product Features

Protect critical machinery & processes from excessive vibration & catastrophic failure:

The PXR Series Protection & Relay System from PRO will display the vibration and DC gap from up to 2 Proximity Probes with the capability to trigger alarms and shutdown machinery based on the amplitude of the overall vibration within a selected frequency range.

- Sunlight viewable display of vibration levels: Gap voltage and mils
- Protect critical equipment with relays to trigger alarms or shutdown
- 4-20 mA output for use with PLC, DCS or SCADA systems
- Pre-wired for turnkey solution - just wire sensors and output into easily accessible screw terminals

Specifications

Input Sources

SC series vibration signal conditioners for dynamic vibration

TX Series signal conditioner for gap voltage

Each 4-20 mA output requires isolated common (not shared)

Input source (Proximity probe, cable and driver) must be ordered and specified separately, allowing a wide variety of monitoring options

Operating temperature range 32°F (0°C) to 140°F (60°C)

Supply voltage of 85 to 265 VAC universal power supply

Enclosure

NEMA 4X (IP66 equivalent)

Strong, UV stabilized, molded fiberglass reinforced polyester construction with matching cover (not available in stainless steel)

UV resistant polycarbonate viewing window

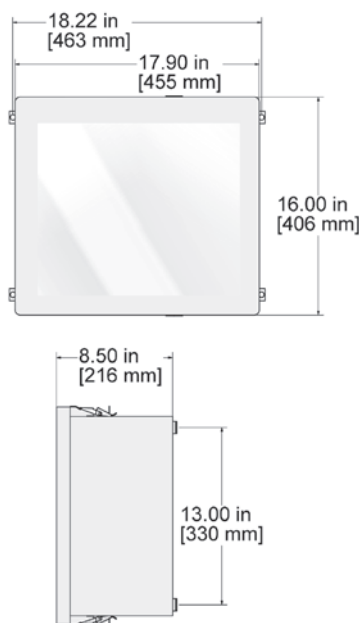
Continuous stainless steel hinge

304 stainless steel snap latches

304 stainless steel wall mounting feet with 10-32 stainless steel screws included

304 stainless steel back plate

Cooling is required if internal temperature of PXR enclosure exceeds 140°F (60°C).



Ordering Information

PX	R		00	-		-		-	
Display Type	Enclosure Type	Input Channels	Input Source	Enclosure Entry		Enclosure Exit			
R = Relay with display	1 = Fiberglass enclosure with window	1 = 1 Channel 2 = 2 Channels	P = Proximity Probe	A = None B = 1 1/4" Conduit fitting for cable entry & 1/2" conduit fitting for power C = Cord grips (1 per ch.) & 1/2" conduit fitting for power		A = None B = 1 1/4" Conduit Fitting			



Example Part Number: PXR100-1P-AA

Relay with display, fiberglass enclosure, 1 channel, proximity probe input