

Mini-PXR Vibration Protection & Relay System



Product Features

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

The MPX1000 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
- Relay includes two Form C relays per process controller
- Pre-configured to standard ISO configuration

Specifications

Input Sources

External BNC's for dynamic vibration & DC 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**

TX Series transmitter converts voltage to 4-20 mA

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)**

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

Ordering Information

All Products Are Built To Order

MPX 1 000 - P - - -

Enclosure Type	Input Channels	Input Source	Enclosure Entry	Enclosure Exit
1 = Fiberglass enclosure	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: MPX1000-1P-AA**  
Relay with Display, Fiberglass enclosure, 1 channel, proximity probe input



Lifetime Warranty on Materials & Workmanship