



Shown: MVR1000-4S-V0-AA

Product Features

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

The MVR1000 Series Protection & Relay System from PRO will display the vibration level from a signal conditioner or a loop power vibration sensor/transmitter, with the capability to trigger alarms and shutdown machinery based on the amplitude of the overall vibration within a selected frequency range. Dual output versions display both vibration and temperature.

- Sunlight viewable display of vibration levels: IPS, g's, mils or customized scale
- Protect critical equipment with relays to trigger alarms or shutdown
- Relay includes two Form C relays per process controller
- Comes pre-configured to standard ISO configuration
- **Signal Conditioners and Displays/Relays Included in Price**

Specifications

Input Sources

External SC series vibration signal conditioner with standard vibration sensor/transmitter

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

Input source 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

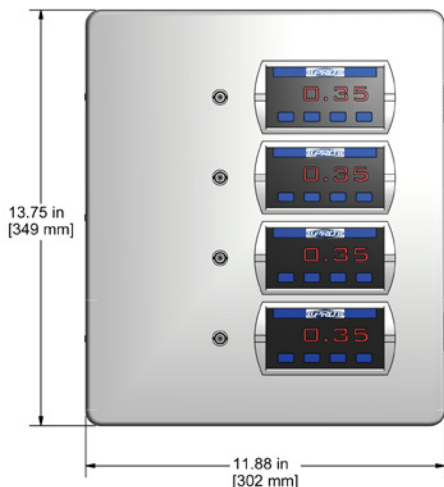
Dual output versions available in one and two channel configurations

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 MVR enclosure exceeds 140°F (60°C).



Ordering Information

All Products Are Built To Order

MVR 000 - S - 0 -

| Enclosure Type | Input Channels | Input Source | Output | Enclosure Entry | Enclosure Exit |
|--------------------------|---|---|---|--|--|
| 1 = Fiberglass enclosure | 1 = 1 Channel 2 = 2 Channels 3 = 3 Channels 4 = 4 Channels | S = Vibration Sensor/Transmitter/Signal Conditioner | V = Vibration D = Vibration & Temperature (Maximum 2 Channels) | 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 |

Signal Conditioners and Displays/Relays Included in Price

Example Part Number: MVR1000-1S-V0-AB

Fiberglass encl, 1 ch, vibration sensor/transmitter/SC, vibration, 1 1/4" conduit exit