



Product Features

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

The VP Series Protection & Relay System from PRO will display the vibration level from a signal conditioner or a loop power sensor, 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
- 4-20 mA retransmission for use with PLC, DCS or SCADA systems
- Pre-wired for turnkey solution - just wire sensors and output into easily accessible screw terminals
- **Signal Conditioners and Displays/Relays Included in Price**

Specifications

Input Sources

SC series vibration signal conditioners with standard sensors

LP Series loop power sensors

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

Input source must be ordered and specified separately, allowing a wide variety or 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)

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 VP enclosure exceeds 140°F (60°C).

Ordering Information

All Products Are Built To Order

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Display Type	Enclosure Type	Input Channels	Input Source	Output	Enclosure Entry	Enclosure Exit
R = Relay with display D = Display only	1 = Fiberglass enclosure with window	1 = 1 Channel 2 = 2 Channels 3 = 3 Channels 4 = 4 Channels	S = Sensor / Signal Conditioner L = 4-20 mA Loop power sensor	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: VPR100-1S-V0-AA

Relay with display, fiberglass encl., 1 ch., sensor, signal conditioner, vibration



Lifetime Warranty on Materials & Workmanship