Vibration transmitter switch

VSW-100



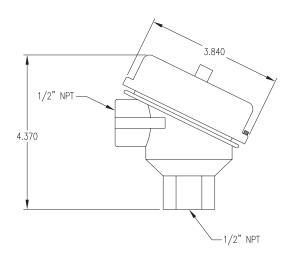
SPECIFICATIONS

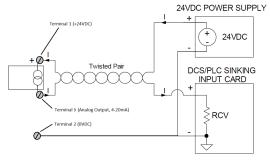
| Output, 4-20 mA: Velocity full scale, DIP switch selected Frequency range, ±3 dB | 0.75, 1.5, 3.0 ips peak 4 - 640 Hz |
|--|--|
| Output, dynamic: Sensitivity, ±10% Frequency response, ±10% | 100 mV/g 5 - 1,000 Hz |
| Operating temperature | –30° to +85°C |
| Storage temperature | –30° to +95°C |
| Enclosure classification | IP68 housing |
| Sensor type, built-in | piezoelectric accelerometer |
| Power | 20 - 30 VDC, 60 mA max |
| Electrical connectors | spring terminals, 16-24 AWG, standard |
| Output relays Time delay | 2 C-type contacts, non-latching 1 or 5 seconds, DIP switch selectable |
| Housing material | aluminum |
| Weight | 1.5 lb (0.7 kg) |
| Shock limit | 1,000 g peak |



Key features

- Vibration velocity, 4-20 mA
- Acceleration time waveform
- · Standalone machine monitoring
- Two individual relays for alarm or shutdown
- Separate output for raw acceleration signal enables detailed frequency analysis
- Manufactured in ISO 9001 facility





| Terminal assignment | | | |
|---------------------|------------------------|---------|--|
| 1 | PS | +24 VDC | |
| 2 | | 0 VDC | |
| 3 | Relay K1 | NC | |
| 4 | | COM | |
| 5 | | NO | |
| 6 | Relay K2 | NC | |
| 7 | | COM | |
| 8 | | NO | |
| 9 | Analog output 20 mA | | |
| 10 | RAW Signal 100 mV/g | | |
| | | | |

Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.

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