



Model 1112 Vibration Monitors

Features:

! Series Current Loop 4-20 mA Controller !
 Adjustable Setpoints ! Adjustable Time Delays ! Remote reset and limit mute !
 Input 4-20 mA Current Loop ! Output SPST Isolated Relay ! Limit 10-100% of Full Scale ! Time delay 1 - 7 seconds

Applications

Cost effective vibration monitors. Connect in series with Balmac Model 140 & 191 Series Vibration Transmitters. Allows alarm or alarm and shutdown for Fans, Motors, Pumps, Compressors and other General Purpose Machinery.

Specifications:

Input Excitation Voltage 28 VDC Current Loop 4-20 mA
 Output SPST Isolated Relays, 12A/125VAC, 28 VDC, 24 VDC Coil, Field Selectable Normally Open (N/O) open below limit setpoint, or Normally Closed (N/C) closed below limit setpoint

Model 1111(R) 1 Limit Model 1112(R) 2 Limits Limit Setpoint Adjustable 10 to 100% Limit Time Delay Min. = 1 sec.; Max. = 7 sec. Remote Reset Circuit closure between Terminals #6 and #8

resets Output Relays. An open circuit Latches Output Relays. (Short for non-latching operation)



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| Limit Mute | Circuit closure between Terminals #7 and #8 inhibits Output relays (Mutes Limits) 115 VAC, 50/60 Hz 230 VAC optional |
| Power | |
| Temperature | -18°C to 70C (0 F to 158F) Accept #12 AWG Wire - |
| Terminals | |
| Weight | 1.05oz. (0.35 kg) |
| Dimensions | 5.18"W x 6.0"H x 1.75"D 13.2 x 15.2 x 4.5 cm |
| Mounting | (4) 0.125" dia. holes; 6/32 hardware |

