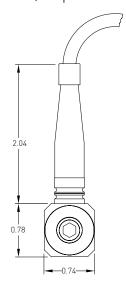


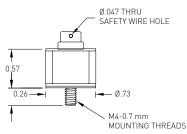
Wilcoxon Research model 712F-M4 High frequency, integral cable accelerometer



Features

- Corrosion resistant
- Hermetically sealed
- Ground isolated
- ESD protection
- Reverse wiring protection
- EMI/RFI protection





Dynamic	
Sensitivity, ±10%, 25° C	100 mV/g 60 g peak 1%
Frequency response:	9.0 - 15,000 Hz 6.0 - 20,000 Hz 3.0 - 25,000 Hz >45 kHz
Transverse sensitivity, max	3% of axial -10% +10%
Electrical Power requirement: Voltage source Current regulating diode Electrical noise, equiv. g, nominal: Broadband 2.5 Hz to 25 kHz. Spectral 10 Hz. 100 Hz. 1000 Hz. Output impedance, max. Bias output voltage, nominal. Grounding.	18 - 30 VDC 2 - 10 mA 1,000 μg 25 μg/VHz 10 μg/VHz 8 μg/VHz 100 Ω 12 VDC case isolated, internally shielded
Environmental Temperature range	–50 to 120° C ± 1,000 g 5,000 g peak hermetic 0.03 g/µstrain
Physical Sensing element design Weight	PZT, shear 35 g 316L stainless steel M4 captive screw with 0.047" diameter safety wire hole
Mating connector	N/A J9T2A, 16 ft blunt cut

Connections

Function	Cable conductor color
power/signal	white
common	black
case	shield

Accessories supplied: M4 captive screw; calibration data (level 2)

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