



Radiation Resistant Industrial Accelerometer Side Exit For Nuclear Power Plants

Our Product Introduction

Basic Information

- Place of Origin: USA
- Brand Name: Wilcoxon
- Certification: CE
- Model Number: Model 797R
- Minimum Order Quantity: 1 set
- Price: negotiated sale
- Packaging Details: Standard
- Delivery Time: 10-60days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 set/year



Product Specification

- Wilcoxon Model: Model 797R
- Sensitivity: 100 MV/g
- Sensitivity Tolerance: $\pm 5\%$
- Frequency Response ± 3 DB, Hz: 1 Hz - 15,000 Hz
- Resonance Frequency: 26 KHz
- Temper To $+150^{\circ}\text{C}$ ature Sensor Output Sensitivity: -50°C To $+120^{\circ}\text{C}$
- Mounting: 1/4-28 Tapped Hole
- Output Connector: MIL-C-5015, 2-pin
- Compliance: CE •[CSA/ATEX/IECEX]
- Highlight: **Industrial Accelerometer Side Exit,
Nuclear Power Plants Industrial Accelerometer,
Radiation Resistant accelerometer sensor**

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Product Description

nuclear power plants Radiation-resistant accelerometer, 100 mV/g, low profile Model 797R side exit



Accelerometer, radiation-resistant (1×10^{-7} RADs exposure limit), 100 mV/g sensitivity, $\pm 5\%$ sensitivity tolerance, low profile with side exit MIL-C-5015-style connector, case isolated

Accelerometers, cable assemblies, and mounting accessories with radiation resistance up to 1×10^7 RADs make vibration monitoring possible on critical machines in nuclear power plants. The 797R high performance accelerometer is suitable for gearboxes and other vibration monitoring applications that benefit from high frequency analysis.

Accelerometer features

- Radiation-resistant, suitable for condition monitoring in nuclear facilities
- Corrosion resistant
- Hermetically sealed
- ESD, overload, and reverse wiring protection

Included accessories

1/4-28 captive screw

Specifications

PARAMETER	VALUE
Sensor output	Dynamic vibration (IEPE)
Sensitivity	100 mV/g
Sensitivity tolerance	$\pm 5\%$
Frequency response, ± 3 dB	1 Hz - 15,000 Hz
Mounting thread	1/4-28 captive screw
Connector style	MIL-C-5015, 2-pin
Connector orientation	Side exit
Full-scale range	50 g peak
Resonance frequency	26 kHz
Temperature range	-50°C to +120°C
Weight	135 grams

PARAMETER	VALUE
Hazardous area approvals	Non-approved

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