



## Nuclear Power Plants Radiation Resistant Velocity Sensor 100 MV/in/Sec Top Exit

### Our Product Introduction

#### Basic Information

- Place of Origin: USA
- Brand Name: Wilcoxon
- Certification: CE
- Model Number: Model 793VR
- 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 793VR
- Sensitivity: 100 MV/in/sec
- Sensitivity Tolerance:  $\pm 10\%$
- Frequency Response  $\pm 3$  DB, Hz: 2 Hz - 7,000 Hz
- Resonance Frequency: 26 KHz
- Temper To  $+150^{\circ}\text{C}$ ature Sensor Output Sensitivity:  $-50^{\circ}\text{C}$  To  $+120^{\circ}\text{C}$
- Mounting: 1/4-28 Tapped Hole
- Output Connector: MIL-C-5015, 2-pin
- Compliance: CE •[CSA/ATEX/IECEX]
- Highlight: **Radiation resistant velocity sensor,  
nuclear power plants velocity sensor,  
Radiation resistant velocity transducer**

## Product Description

# nuclear power plants Radiation-resistant velocity sensor, 100 mV/in/sec Top exit



Top exit, radiation resistant ( $1 \times 10^{-7}$  RADs exposure limit), piezoelectric velocity sensor, case isolated, MIL-C-5015 connector, 100 mV/in/sec sensitivity,  $\pm 10\%$  sensitivity tolerance

Velocity sensors, cable assemblies, and mounting accessories with radiation resistance up to  $1 \times 10^7$  RADs make vibration monitoring possible on critical machines in nuclear power plants. The 793VR high performance velocity sensor is suitable for general machinery analysis.

## Velocity sensor features

- Radiation-resistant, suitable for condition monitoring in nuclear facilities
- Internally integrated to velocity
- Eliminates distortion caused by high frequency signals
- Corrosion resistant
- Hermetical seal

## Included accessories

- SF6 mounting stud

## Specifications

PARAMETER	VALUE
Sensor output	Dynamic vibration (IEPE)
Sensitivity	100 mV/in/sec
Sensitivity tolerance	$\pm 10\%$
Frequency response, $\pm 3$ dB	2 Hz - 7,000 Hz
Mounting thread	1/4-28 tapped hole
Connector style	MIL-C-5015, 2-pin
Connector orientation	Top exit
Full-scale range	50 in/sec peak
Resonance frequency	15 kHz
Temperature range	-50°C to +120°C
Weight	133 grams
Hazardous area approvals	Non-approved

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