

Features

- Static IEPE is installed to isolate 2-pin low-impedance voltage output
- Vibration isolation floating, industrial site monitoring, strong anti-interference

RS PRO Industrial vibration sensor

RS Stock No.: 0767717



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

This is a top output industrial vibration acceleration sensor for online monitoring, operation and maintenance, process monitoring and protection of rotating machinery or reciprocating equipment such as spindle bearings and gearboxes of fans, pumps, motors, turbines, compressors, etc.

General Specifications

Rang (peak)	$\pm 25g$
Sensitivity(25℃)	200mv/g (160Hz)
Amplitude Non-linearity	$\pm 1\%$
Frequency Response	1Hz ~ 5kHz $\pm 1dB$
	0.5Hz ~10kHz $\pm 3dB$
Transverse Sensitivity	$\leq 5\%$

Electrical Specifications

Excitation Voltage	18VDC~28VDC (VDC)
Constant Current Excitation	2~10mA
Output Impedance	$< 100 \Omega$
Full range output (peak)	$\pm 5V$
Noise (rms)	$< 50\mu V$
Bias Voltage	+10V~+14V
Install Ground Insulation	$\geq 10^8 \Omega$

Environment Specifications

Operation Temp	-40℃ ~ +120℃
Shock Resistance(peak)	$\pm 2000 g$

Physical

Structural Style	Cutting
Shell Material	316L Stainless Steel
Output way	M12 two-core socket
Installation	1/4-28
Protection Class	IP65
Weight	~80g

Accessory

Erection Bolt	1/4-28 turn M8
Connecting Cable	M12 two-core connecting Cable x 3m

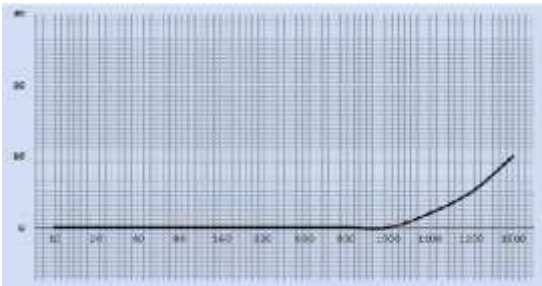
Approvals

Compliance/Certifications	ROHS
	CE

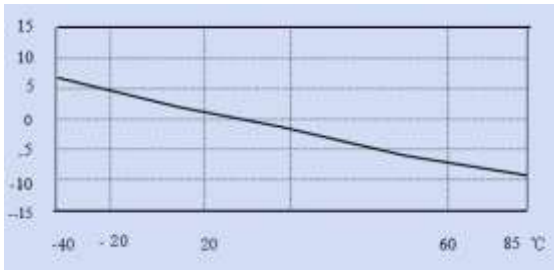
Dimension and Wiring



Typical frequency response



Temperature characteristics diagram



Mounting Method

