

Bi-axial velocity output transmitter



Features

- 4~20mA output
- Wide frequency response
- Rugged design
- High sensitivity
- Epoxy Sealed
- Case isolated
- ESD protection
- EMI / RFI shielded

Dynamic

FSO, $\pm 10\%$, 25°C.....	16 mA
Acceleration range	25.4mm/s RMS
Amplitude nonlinearity.....	1%
Frequency response(± 1 dB).....	5 - 3,000 Hz
Resonance frequency.....	32 kHz
Transverse sensitivity, max.....	5% of axial
Temperature range.....	- 40 to +85°C

Electrical

Power requirement: voltage source	12 - 30 VDC
Broadband Resolution.....	0.1%FSO
Electrical Isolation (Case).....	100 M Ω
Bias Current(± 0.5 mA).....	4 mA
Settling Time (within 2%of value).....	<15 s
Grounding.....	case isolated, Internally shielded

Environmental

Temperature range.....	-40 to 85°C
Vibration limit.....	500 g peak
Shock limit.....	2,000 g peak
Electromagnetic sensitivity, equiv g, max	70 μ g/gauss
Sealing	Hermetic
Base strain sensitivity, max.....	0.0002 g/ μ strain

Physical

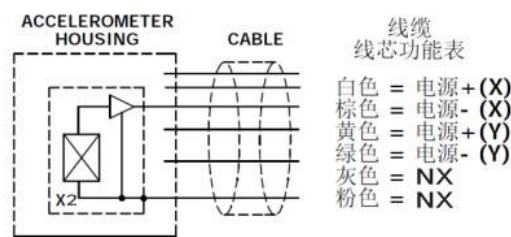
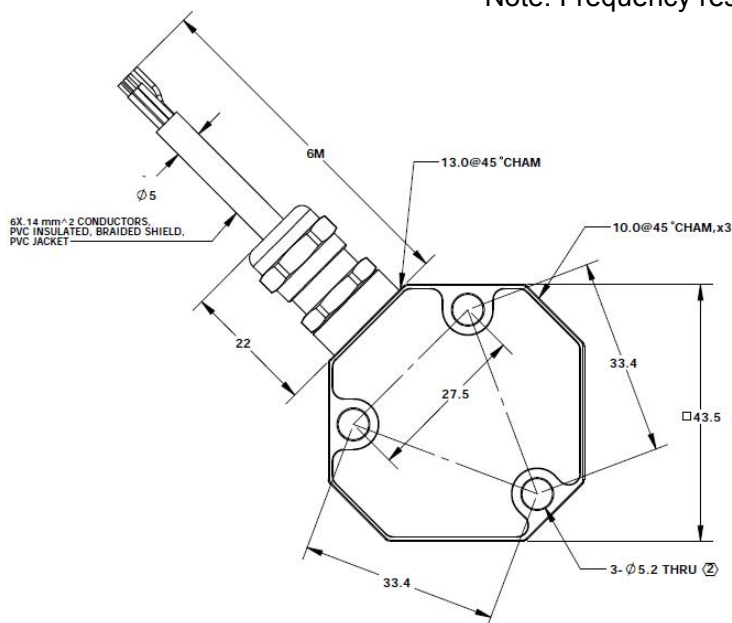
Sensing element design.....	PZT ceramic/shear
Weight.....	75 grams
Case material.....	Anodized Aluminum
Mounting.....	M5X25 metric
Output.....	Integrated cable

Accessories

M5 mounting Screw X3(or customers specified)

Calibration certificate

Note: Frequency response limits spectral and noise values are typical



Ordering Information

322V-1

Range in inch
Output type
Model