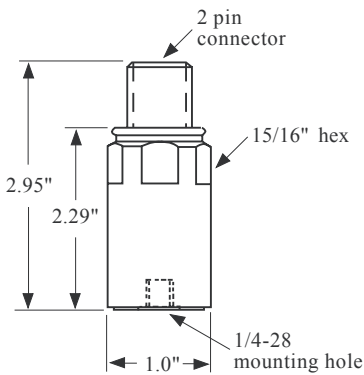


Model 996LD

High sensitivity, leak detection accelerometer

Features

- Low noise floor
- High sensitivity
- Compatible with many commercially available leak detection systems



Dynamic

Sensitivity.....	12 V/g, ± 3 dB
Frequency response, ± 3 dB.....	10 - 4,000 Hz
Resonance frequency, nominal.....	14 kHz
Acceleration range, nominal.....	0.10 g peak
Shock limit.....	1,000 g

Electrical

Supply voltage.....	12 - 24 VDC
Supply current.....	2 mA
Bias output voltage.....	4.8 - 7.5 VDC
Grounding.....	case grounded
Electrical noise, nominal	
100 Hz.....	0.08 $\mu\text{g}/\sqrt{\text{Hz}}$
1000 Hz.....	0.016 $\mu\text{g}/\sqrt{\text{Hz}}$

Environmental

Temperature range.....	-10°C to 80°C
Sealing.....	hermetic design

Physical

Case material.....	316 stainless steel
Mounting.....	1/4 - 28 tapped hole
Connector.....	2 pin, MIL-C-5015 style
Mating connector.....	R6
Recommended cable.....	J10 / J9T2A

Pin out	Function
A	power/signal
B	common,

Accessories supplied: Foam sleeve shock protector; SF6 mounting stud

Accessories available: Cable to interface with leak detector systems; magnetic