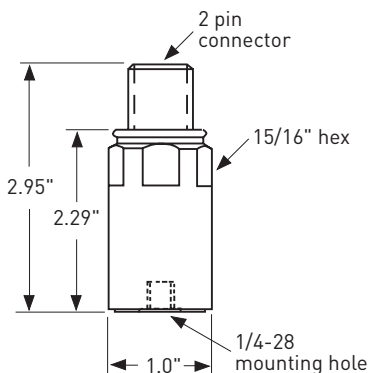




# Model 996LD High sensitivity, leak detection accelerometer

### 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 .....	10,000 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 µg/√Hz
1000 Hz .....	0.016 µg/√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 .....	Wilcoxon R6 (Amphenol 97-3106A-10SL-4S or MS-3106A-10SL-4S)

Pin out	Function
A	power/signal
B	common, case

Accessories supplied: Foam sleeve shock protector; SF6 mounting stud  
 Accessories available: Cable to interface with leak detector systems; magnetic base

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