General purpose molded integral cable accelerometer
ISTACCTE10

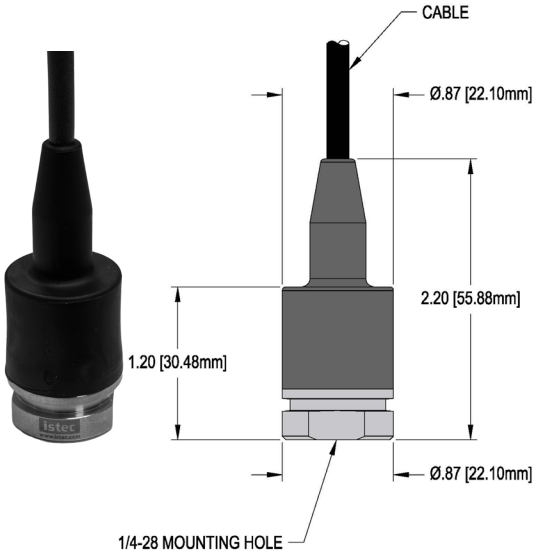
SPECIFICATIONS

Sensitivity, ±10%, 25°C		100 mV/g
Acceleration range		50 g peak
Frequency response[1], nominal, ±3 dB		0.8 - 10,000 Hz
Resonance frequency		>25 kHz
Electrical noise, equiv. g, nominal:		
Broadband	**2.5 Hz to 25 kHz**	1,500 µg
Spectral[1]	**10 Hz**	170 µg/√Hz
	100 Hz	16 µg/√Hz
	1,000 Hz	6.5 µg/√Hz
Power requirement:		
	Voltage source	18 - 30 VDC
	Current regulating diode	2 - 10 mA
Bias output voltage		12 VDC
Grounding		case isolated
Temperature range		–20° to +80°C
Sealing		
	Sensor	hermetic
	Integral cable	IP67
Weight		35 grams (excluding cable)
Material		stainless steel base polyurethane case
Mounting		1/4-28 tapped hole
Integral cable		shielded twisted pair, black polyurethane jacket,10m

Notes: [1] Frequency response limits and spectral noise values are typical tested at 23° C, 24 VDC, 4 mA

Key features

- Hermetically sealed sensor, IP67 injection molded integral cable
- Manufactured in ISO 9001 facility



Cable connections	
Function	*Conductor*
power/signal	red
common	black
N/C	shield

CE

Istec International BV

Meer en Duin 8
2163 HA, Lisse
+31 (0)252 433 400

99526 Rev.A 06/26

Manufactured for Istec by Wilcoxon, USA