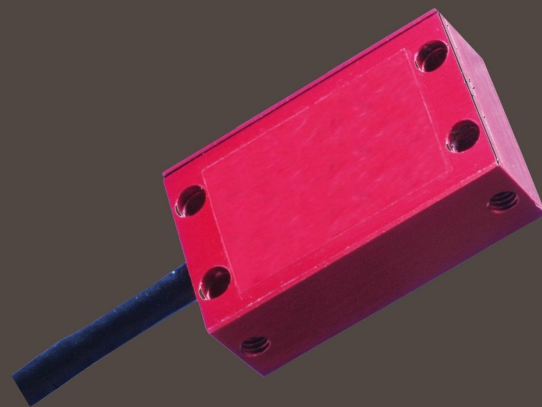




AC-CAP-3 Axis XYZ

Analog 1,2 or 3 axis Accelerometer

Range
Accuracy
Sensitivity
Cut off frequency

5 G, 10 G, 15G, 20G
 $\pm 1\%$ FS
400 to 100 $\pm 2\%$ mV/G
100 Hz

Supply voltage
Supply current
Output voltage
Output impedance
Signal at 0G
Resonance
Cross axis sensitivity

5 to 16V
< 3 mA
0 – 5 V
68 ohms
2.5 ± 0.05 V
5000Hz
3 %

Offset drift (20 to 80°C)
Gain drift (20 to 80°C)

± 30 mV
 $\pm 2.5\%$

Housing
Dimension
Weight

Aluminium
25x16x8 mm
15g

Vibration test
Shock

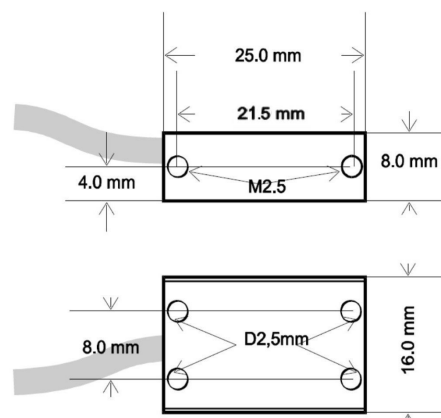
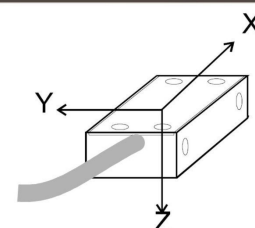
20 Gpp 5'
1000 G

Operating Temperature
Storage Temperature

-20 to +100 °C
-40 to +125 °C

1 m cable of 5x26AWG FEP
Tinned copper braided cable 250V 200°C

Red + 5 to 16V
Black 0V
White X axis analog output
Green Y axis analog output
Yellow Z axis analog output
Braid Not connected



Calibration table				
	5G 400 mV/G	10G 200 mV/G	15G 133mV/G	20G 100mV/G
-20				0.5
-15			0.5	1.0
-10		0.5	1,17	1.5
-5	0.5	1.5	1,83	2.0
0	2.5	2.5	2.5	2.5
+5	4.5	3.5	3,17	3.0
+10		4.5	3,83	3.5
+15			4.5	4.0
+20				4.5

Ordering ref ex: AC-CAP3-5
AC-CAP3-Range

Range			
$\pm 5G$	$\pm 10G$	$\pm 15G$	$\pm 20G$

In the interest of continuous product improvement, we reserve the right to alter without prior notice the specifications and features described in this document

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