

## AXL-3 AXIS ACCELEROMETER RS

### Main Features

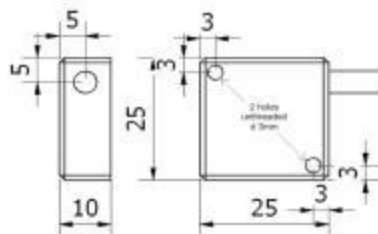
- ☉ Cost effective
- ☉ Small size
- ☉ Designed for embedded testing

### Characteristics

Range	$\pm 5\text{ G}, \pm 10\text{ G}$
Sensitivity at 5G	$400 \pm 32\text{ mV/G}$
at 10G	$200 \pm 16\text{ mV/G}$
Cut off frequency 1 <sup>st</sup> order	100Hz
Supply voltage	5 to 16V
Supply current	< 4 mA
Output voltage	0 – 5 V
Output impedance	47 ohms
Signal at 0G	$2.5 \pm 0.1\text{ V}$
Resonance	XY:6; Z:3 kHz
Cross axis sensitivity	5%
Offset drift (20 to 80°C)	$\pm 50\text{ mV}$
Gain drift (20 to 80°C)	$\pm 5\%$
Dimension	25x25x10 mm
Material	Aluminium
Weight	20g
Protection	IP66
Shock	1000G
Operating Temperature	-20 to +85 °C
Storage Temperature	-40 to +125 °C

Calibration table		
	5G 400mV/G	10G 200mV/G
-10		0.5
-5	0.5	1.5
0	2.5	2.5
+5	4.5	3.5
+10		4.5

Out of Range



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