



Description

This low g range 3 axis accelerometer utilizes MEMS technology in a compact and rugged package. This device measures +/- 16 g per axis with 13 bit resolution.

Features

- MEMS based accelerometer and inclinometer
- Outputs accelerometer in 3 axis' up to 16g
- Provides angular rotation readings of +/- 180°
- 12 or 24 V nominal power supply
- IP67 protection
- Compact rugged construction

Specifications

Power Supply Voltage	8-32VDC
Power Supply Current	50 mA max at 24V
Protection	Reverse polarity, transient voltage
Measure range	Accelerometer x axis +/- 16g Accelerometer Y axis +/- 16g Accelerometer Z axis +/- 16g Inclinometer +/- 180°

Resolution	13 bit
Temperature Range	-40° to 85°C
Environment	IP67
CAN baud rate	250 kbps

Device Layout

