CANopen Accelerometer

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.

MEMS based accelerometer and inclinometer

Provides angular rotation readings of +/- 180°

Outputs accelerations in 3 axis' up to 16q

12 or 24 V nominal power supply

Compact rugged construction

Specifications

Power supply voltage: 8-32VDC Power supply current: 50 mA max at 24 V Protection: Reverse polarity, transient voltage Measurement range: Accelerometer X axis +/-16g

Accelerometer Y axis +/-16g Accelerometer Z axis +/-16g Inclinometer +/- 180°

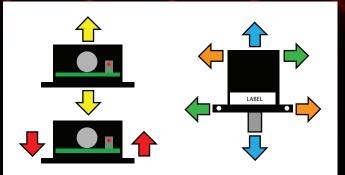
Resolution: 13 bit Temperature range: -40° to 85°C Environment: IP67 CAN baud rate: 250 kbps

<u>Device Layout</u>

IP67 protection

Product Features

- Red arrows represent x-axis
- Blue arrows represent y-axis
- Green arrows represent a negative inclination rotation if the corner the arrow is positioned on is turned that direction
- Orange arrows represent a positive inclination rotation if the corner the arrow is positioned on is turned that direction
- Yellow arrows represent z-axis





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