

# 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.



## Product Features

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

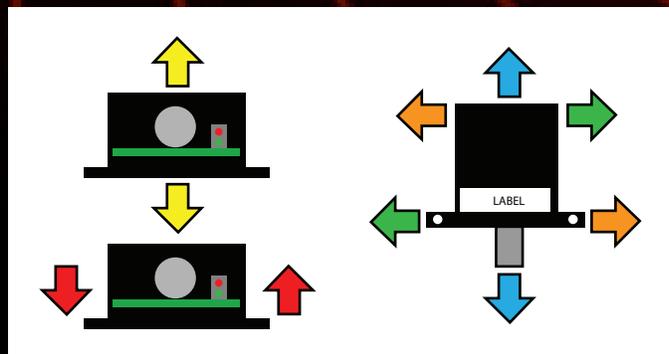
## Specifications

Power supply voltage: 8-32VDC  
Power supply current: 50 mA max at 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

## Device Layout

- 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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