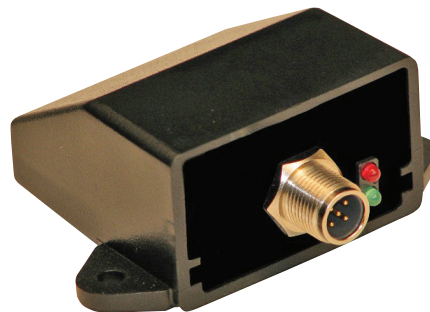


## CANopen Accelerometer

### Features and Benefits

- 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

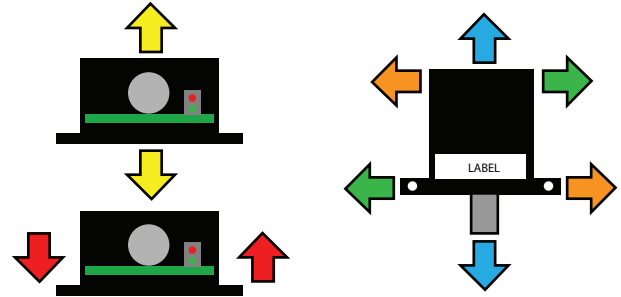


## CANopen Accelerometer

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.

### Device Layout

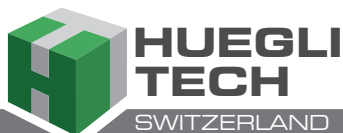
- Red arrows represent x-axis
- Blue arrows represent y-axis
- Green arrows represent a negative inclination rotation if the corner the arrow is positioned on is turned that direction
- Orange arrows represent a positive inclination rotation if the corner the arrow is positioned on is turned that direction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



### Specification

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

### Local Distributor / Partner:



HUEGLI TECH AG (LTD)  
 Murgenthalstrasse 30  
 4900 Langenthal Switzerland  
 Phone: +41 62 916 50 30  
 Fax: +41 62 916 50 35

e-mail: [sales@huegli-tech.com](mailto:sales@huegli-tech.com)  
[www.huegli-tech.com](http://www.huegli-tech.com)