Senther 824CA-8

Bi-axial CAN output accelerometer

Features

- High Resolution
- Rugged design
- Hermetic seal
- Case isolated
- ESD protection
- Plug and play application
- EMI / RFI shielded

Dynamic

Acceleration range ..... +/- 2/4/8g
Amplitude nonlinearity..... 1%
Frequency response ±5%..... 0 - 400 Hz
Transverse sensitivity, max..... 3% of axial
Temperature response(-40 to +85°C, REF. 24°C):
Thermal bias shift.....±2.5%FSO
Thermal sensitivity shift.....±3%

Electrical

Power requirement..... 12 - 30 VDC
Startup time ..... < 0.1s
Resolution..... 0.5mg

Environmental

Temperature range..... -40 to 85°C
EMC..... EN61000/GBT17626
Shock limit..... Up to 1000g
Insolation..... ⩾100M ohms

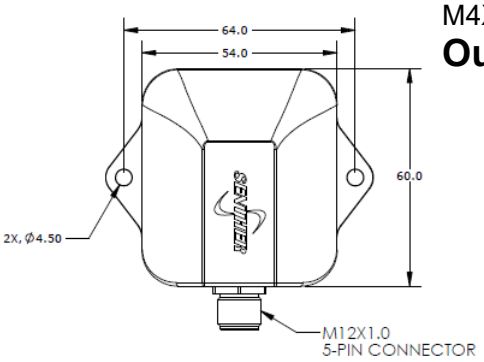
Physical

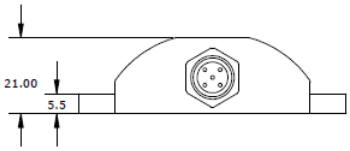
Protection..... IP67
Weight(W/O cable).....130 grams
Case material..... Anodized aluminum
Mounting..... M4X2
Output connector..... 5 pin, M12
Mating cable..... Senther: 18A

Accessories

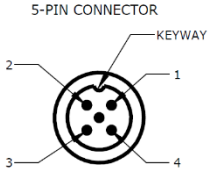
Calibration certificate
M4X10mm screw

Output connection(Refer below)





Connector/Pin	Mating/Cable
1 = Power +	**RED**
2 = Power Ground	**BLACK**
3 = CAN-H	**GREEN**
4 = CAN-L	**WHITE**
5 = NA	



Ordering Information

824CA-8
- Range in g
- Output type
- Model