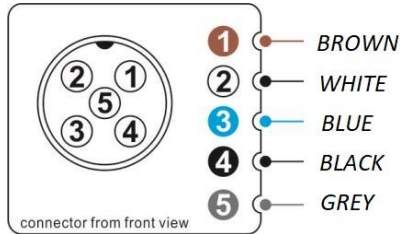


Specification

Technology	MEMS	
Range	±2g to ±40g	
Resolution	<1mg (max)	
Measuring axis	X,Y,Z	
Power off-on repeatability	<2mg	
Frequency Response	500Hz	
Bandwidth	1000Hz	3Db
Shock	>100g@11ms	(half sine wave)
Shock recovery time	<1ms	
Operating temperature range	-40 to +85°C	
Storage temperature range	-55 to +100°C	
Power supply	9-36V DC	
Max current consumption	60mA	@12V DC
Connector	M12	Supplied with mating connector
Dimensions	34.3 x 34.3 x 38.5mm	
Weight	73.5grams	
Noise density	Min 21 to Max86.6	µg/√Hz
Max Calibration uncertainty	<1mg	
Protection	IP67	
Reliability	MIL-HDBK-217	Grade two

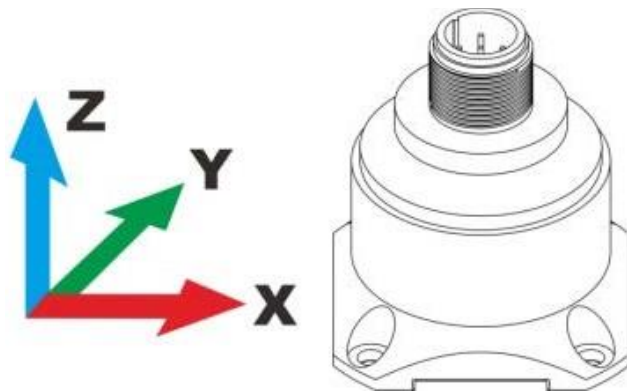
Electrical Connection



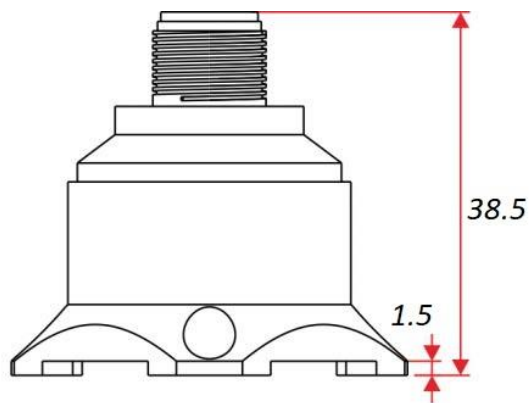
WHITE	X axis
BLUE	Y axis
GREY	Z axis
BROWN	+ Supply
BLACK	(0V)

Cable: 5 Wire

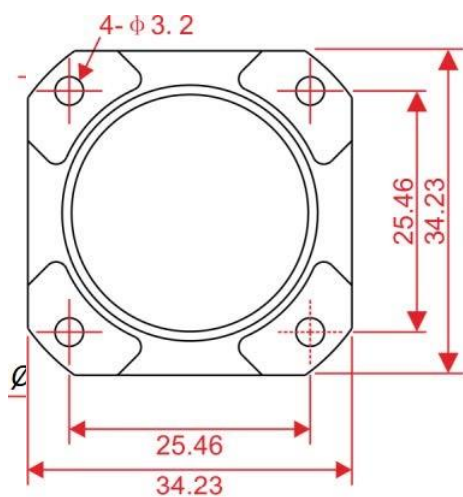
Cable Length: 1000mm Approx



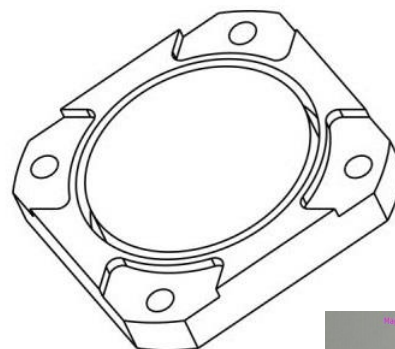
Diagrams

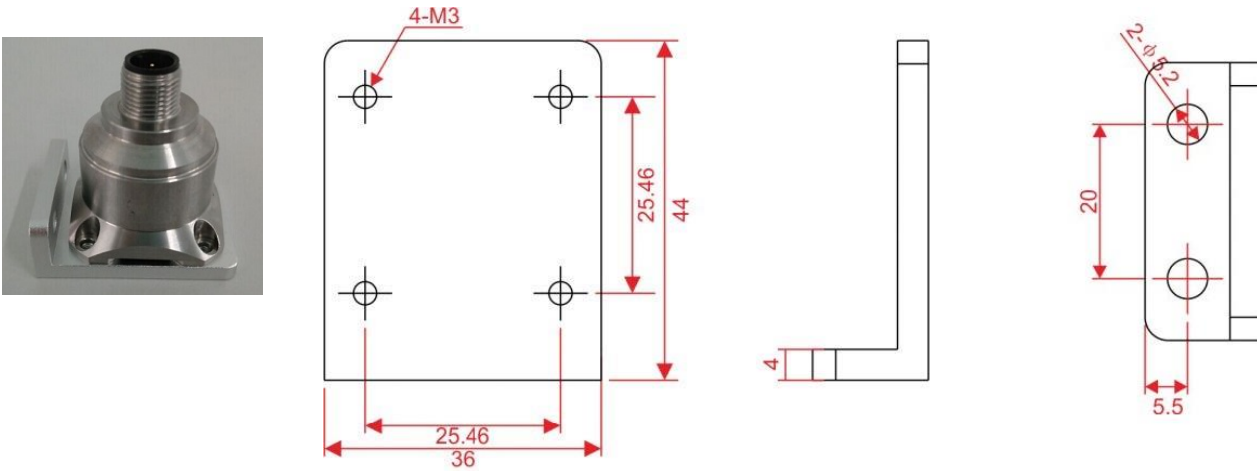


34.3 x 34.3 x 38.5mm



Optional Magnetic base





Mounting Bracket

Order codes

HT-AKF **XXX** - **YY** - **Z** -

Replace **XXX** with below code for output signal required

- 390** = Voltage (0...5V)
- 398** = Current (4-20mA)

Replace **YY** with measuring range (g) required

- 02** = ±2g
- 04** = ±4g
- 08** = ±8g
- 10** = ±10g
- 20** = ±20g
- 40** = +40g

Replace **Z** with mounting accessory (if required)

- blank** = 4 x M3 holes
- A** = magnetic base
- L** = mounting bracket