QG65 ACCELERATION SENSOR, TWIN AXIS, HIGH ACCURACY

QG65N-KAXYZ-8-CAN-CFM



- Twin axis
- +/-8,0 g
- CANopen output, CANopen SIL2/PLd and 0,5-4,5 V or 4-20 mA also available
- IP67 rated

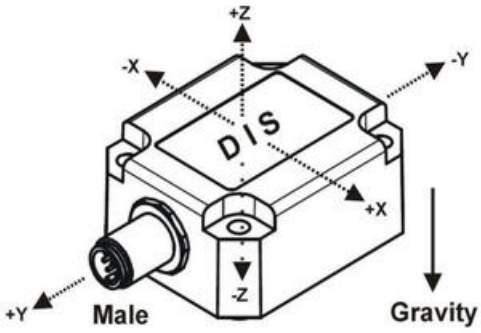
PRODUCT DESCRIPTION

QG-series acceleration sensors measure acceleration in one, two or three axes. These sensors are based on robust MEMS technology and thanks to the modular design easy to adapt to specific requirements. Because these acceleration sensors have a higher bandwidth than inclinometers, they can accurately measure the g-forces of fast movements. Applicable for agricultural machinery, windmills and containers.

Functions include:

- measurement of acceleration and vibration
- active vibration damping
- transport monitoring

Measurement orientation:

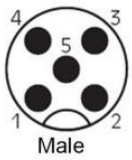


SPECIFICATIONS

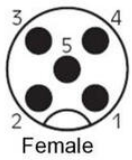
TECHNICAL DATA

Measuring range	8 g
Number of axis	2
Output	CANopen
Connection Thread	M12
Voltage DC max	30 V
Voltage DC min	10 V
IP Class	IP67

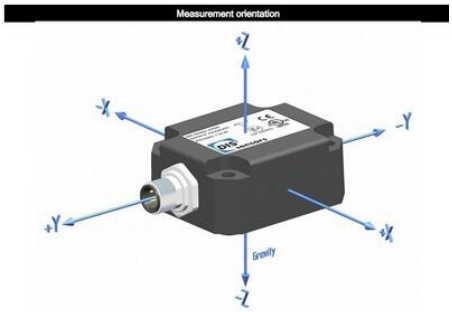
Central Material	Plastic
Width	60 mm
Length	50 mm
Height	27 mm
Accuracy	0.15 g
Resolution	16 mg
Temperature effect	1 mg/K
Temperature range from	-40 °C
Temperature range to	85 °C
Approvals	CE

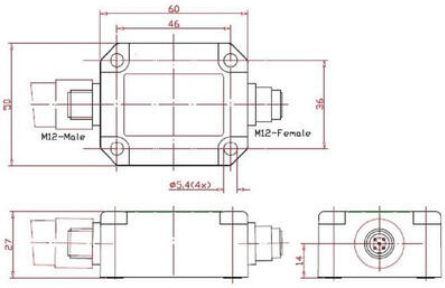


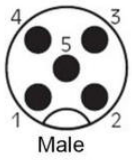
Male



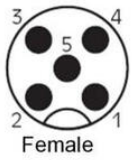
Female







Male



Female

