QG40 ACCELERATION SENSOR, TWIN AXIS

QG40-KAXY-1,5E-AI-CM
Acceleration sensor, +/-1,5 g, 4-20 mA, 2-axis



- Twin axis, triple axis version available
- ±1,5, ±4 or ±16 g
- Output 0,5-4,5 V or 4-20 mA
- IP67 rated

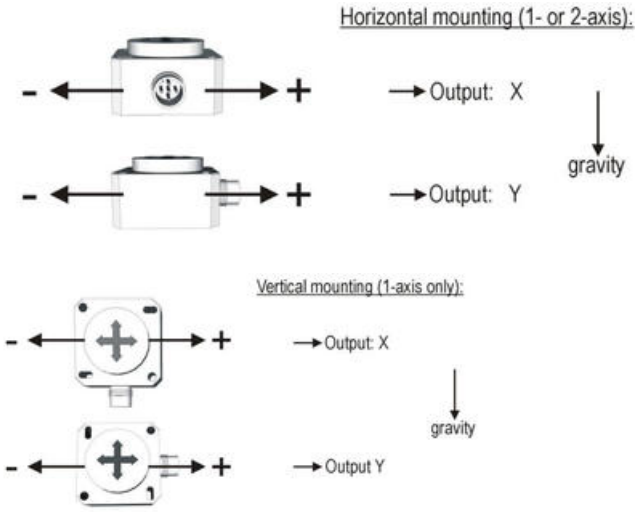
PRODUCT DESCRIPTION

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	1.5 g
Number of axis	2

Output	4-20 mA
Connection Thread	M12
Voltage DC max	30 V
Voltage DC min	10 V
IP Class	IP67
Central Material	Plastic
Width	40 mm
Length	40 mm
Height	25 mm
Accuracy	0.08 g
Resolution	4 mg
Temperature effect	0.6 mg/K
Temperature range from	-25 °C
Temperature range to	85 °C
Approvals	CE

