

## QG65 ACCELERATION SENSOR, TWIN AXIS, HIGH ACCURACY

QG65N-KAXYZ-8-CAN-CFM

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



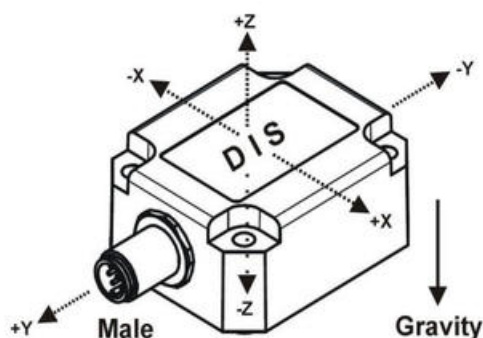
### PRODUCT DESCRIPTION

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

<b>Voltage DC min</b>	10 V
<b>IP Class</b>	IP67
<b>Central Material</b>	Plastic
<b>Width</b>	60 mm
<b>Length</b>	50 mm
<b>Height</b>	27 mm
<b>Accuracy</b>	0,15 g
<b>Resolution</b>	16 mg
<b>Temperature effect</b>	1 mg/K
<b>Temperature range from</b>	-40 °C
<b>Temperature range to</b>	85 °C
<b>Approvals</b>	CE

