

QG76 CAN series

QG76-SI-360H-CAN-C(F)M

Inclination sensor

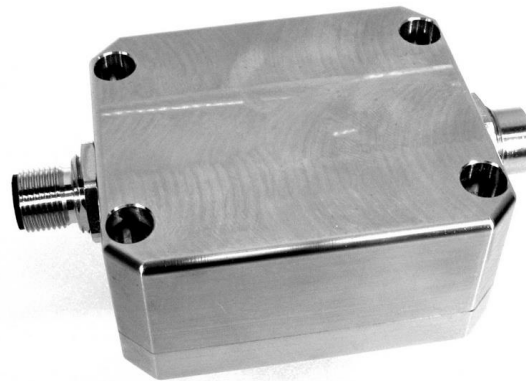
1 axis vertical mounting

Programmable device

Interface: CANopen

Parameters programmable
by CANopen object dictionary

Measuring range
360°



CANopen



Housing	
Dimensions (indicative)	
Mounting	
Ingress Protection (IEC 60529)	
Relative humidity	
Weight	
Supply voltage	
Polarity protection	
Current consumption	
Operating temperature	
Storage temperature	
Measuring range	
Centering function	
Frequency response (-3dB)	
Typ. Accuracy @20°C (2σ)	
Offset error	
Non linearity	
Sensitivity error	
Resolution	
Temperature coefficient	
Max mechanical shock	
CAN interface (hardware)	
CANopen application layer and communication profile	
Baud rate	
Node Id	
TPDO	
Event time	
Sync mode	
Heartbeat	
Programming options	
Output format	
Temperature compensation	
Filtering	
Modes of operation	
Boot time	
Programming options	

General specifications v20180125	
	Stainless steel (AISI 316)
	70x60x33 mm
	Included: 4x M4x30 mm stainless steel (A4) Hexagon socket head screws
	IP67 (IP68 with optional cable gland)
	0 - 100%
	approx. 700 gram
	10 - 30 V dc
	Yes
	≤ 50 mA
	-40 .. +85 °C
	-40 .. +85 °C
	360°
	Yes (CANout 0 = 0°), range: 360°
	0 - 10 Hz
	overall 0,07° typ.
	< ± 0,03° typ. (< ± 0,08° max.) after centering
	< ± 0,06° typ. (< ± 0,15° max.)
	not applicable
	0,01°
	± 0,005°/K typ.
	20.000g
	According to ISO 11898-1 & ISO 11898-2 (also known as CAN 2.0 A/B)
	CANopen protocol: EN 50325-4 (CiA 301 v4.0 & and v4.2.0)
	125 kbit/s (default), 250 kbit/s, 500 kbit/s, 1Mbit/s 01h (range: 01h - 7Fh) TPDO1: 181h (for Node ID=01h) TPDO1: 5 - 500 ms (default: 100 ms) On/off (default: off) On/off (default: on, 2s)
	Baudrate, Node Id, Event time, Sync mode, Heartbeat, Output format Integer: 0 to 35999 (PDO1:byte2,1) Yes
	Input filter enabled, output filter disabled Event mode, Sync-mode
	< 1 s
	by CANopen object dictionary (CAN parameters, filtering)

