QG series



QG76-SD-090H-CAN-C(F)M

Inclination sensor 2 axis horizontal mounting

Programmable device Interface: CANopen

Parameters programmable by CANopen object dictionary

> Measuring range ± 90°

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)	
Γyp. 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	

QG76 CAN series



General specifications v20190325
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
 ± 90°
 Yes (CANout 0 = 0°), range: ±5°
 0 - 10 Hz
 overall 0,09° typ. (-60°+60°)
 $< \pm 0.03^{\circ}$ typ. ($< \pm 0.08^{\circ}$ max.) after centering
 < ± 0,08° typ. (< ± 0,15° max.) (-60°+60°)
 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: -9000 to +9000 (PDO1:X=byte2,1;Y=byte4,3) Yes Input filter enabled, output filter disabled Event mode, Sync-mode
<1s
by CANopen object dictionary (CAN parameters, filtering)





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