QG series



QG65 CAN series (discontinued, successor: QG65N2 High accuracy series)

QG65-KD-090H-CAN-C(F)M

Inclination sensor (discontinued)

2 axis horizontal mounting

Programmable device Interface: CANopen

Parameters programmable by CANopen object dictionary

Measuring range ± 90°

Dimensions (indicative)

Ingress Protection (IEC 60529)

Housing

Mounting

Weight Supply voltage

Relative humidity

Polarity protection Current consumption Operating temperature Storage temperature Measuring range Centering function

Frequency response (-3dB) Accuracy (overall @20°C) Offset error Non linearity Sensitivity error Resolution

Temperature coefficient

CAN interface (physical layer)

Programming options Output format

Modes of operation

Programming options

Temperature compensation

CANopen application layer and communication profile

Max mechanical shock

Baud rate Node Id TPDO Event time Sync mode Heartbeat

Filtering

Boot time

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ſ	General specifications 11441/11784, v20180117
	Reinforced plastic injection molded (Faradex DS, black, EMI shielded by stainless steel fiber in
	60x50x27 mm
	Included: 4x M5x25 mm zinc plated steel pozidrive pan head screws, self-tapping (PZ DIN7500 Mounting on flat surface only. Screw crosswise with maximum Torque 2.5 Nm
	IP67
	0 - 95% (non condensing, housing fully potted)
	approx. 110 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°)
	< ± 0,03° typ. (< ± 0,08° 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





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