QG series

QG40N-KDXYOh-045-ASP-CM-UL

Tilt switch Omnidirectional in horizontal plane (horizontal mounting)

Programmable device Output: PNP

Switch points programmable between 1° and 45°

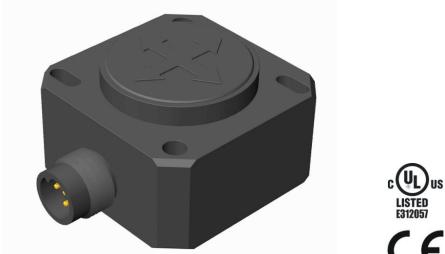
Measuring range Factory defaults: 45°

Dimensions (indicative)

Housing

QG40N-series





General specifications 12770A, v20241216 Plastic injection molded housing (Arnite T06 202 PBT black) 40x40x25 mm
40x40x25 mm
Included: 2x M3x25 mm zinc plated steel pozidrive pan head screws, self-tapping (PZ DIN 7500C2 Mounting on flat surface only. Screw with care
IP67, IP69K (with IP69K mating connector)
0 - 95% (non condensing, housing fully potted)
approx. 45 gram
6 - 30 V dc
Yes
≤ 25 mA
-40 +60 °C
-40 +85 °C
Factory defaults: 45°
Yes (0°), range: ±5°
0 - 0,7 Hz
0,3° typ. (0,5° max)
not applicable after zeroing
not applicable
not applicable, Repeatability 0,2°
0,1°
± 0,04°/K typ.
10.000g
dual PNP
2x 500 mA continuously, Temperature protected, protected against back EMF
Yes, continously
< 100 ms
by optional QG40N-configurator (switch points, delay times, filtering)

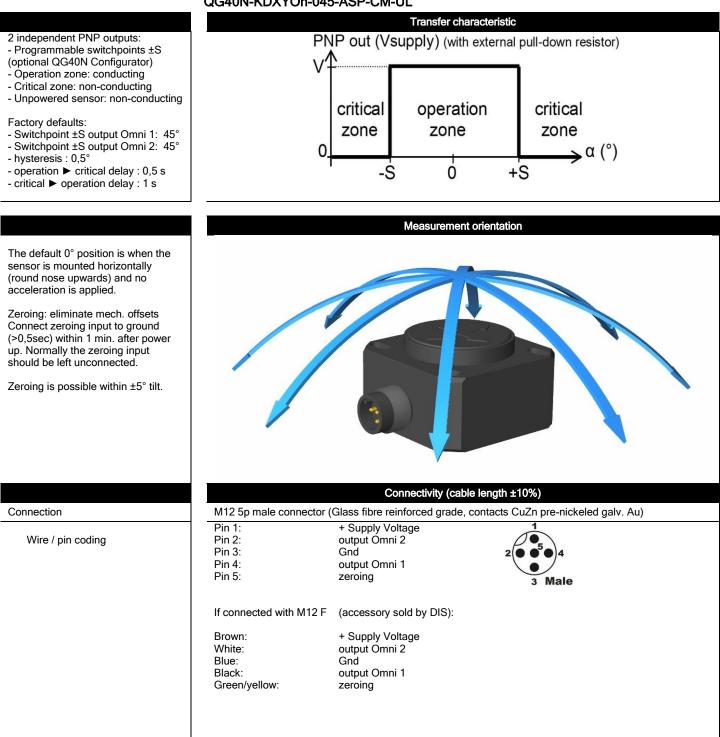
Mounting Ingress Protection (IEC 60529) Relative humidity Weight Supply voltage Polarity protection Current consumption Operating temperature Storage temperature Measuring range Centering function Frequency response (-3dB) Accuracy (overall @20°C) Offset error Non linearity Sensitivity error Resolution Temperature coefficient Max mechanical shock Output Output load Short circuit protection Boot time

Programming options

QG series

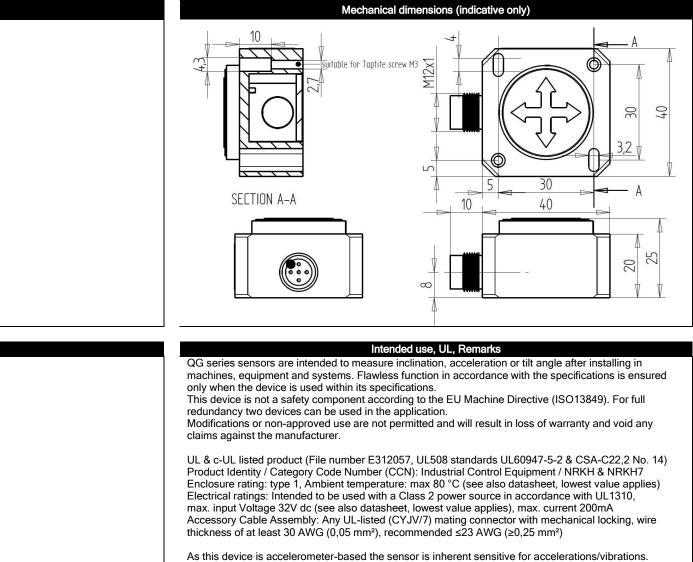






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Application specific testing must be carried out to check whether this sensor will fulfil your requirements.