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°

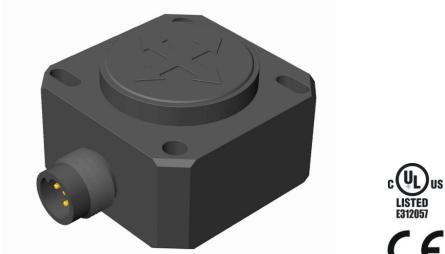
Measuring range Factory defaults: 45°

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) |

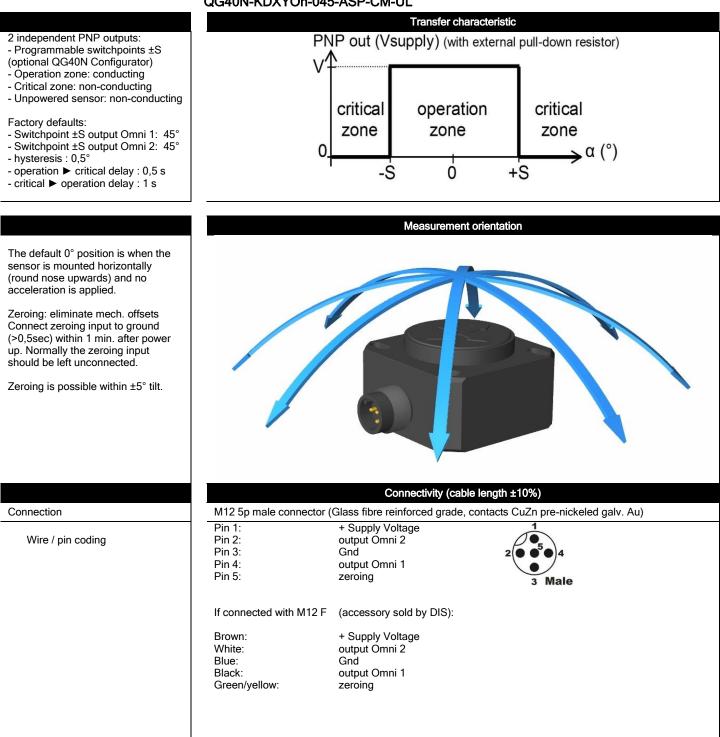
Mounting Ingress Protection (IEC 60529) Relative humidity Weight Supply voltage Polarity protection Current consumption Operating temperature Storage temperature Measuring range Centering function Frequency response (-3dB) Accuracy (overall @20°C) Offset error Non linearity Sensitivity error Resolution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

Programming options

QG series

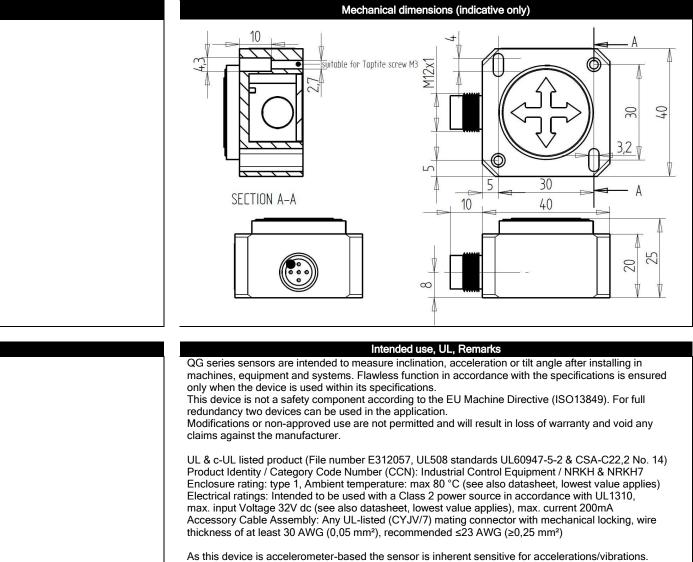






QG series





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