

QG series identification

Measuring range

030 = ± 30° Inclination (options: 001° .. 360°)
 002 = ± 2° Tilt switch (options 001 .. 180°)
 0,5 = ± 0,5G Acceleration (options: 0,1 -16 G)

Generation

Empty = standard
 N = Next Generation
 P = Precise series
 B = Bidirectional
 X = eXtra

Housing material

K = Polycarbonate
 M = Metal (aluminium Zamac)
 C = Metal Coated (Black)
 S = Stainless Steel

Mounting

h = horizontal
 v = vertical
 hv = h or v
 empty = not specified

Output configuration

AV = Analog voltage 0,5 - 4,5 V
 AV2 = Analog voltage 1 - 9 V
 AV3 = Analog voltage 0 - 10 V
 AV4 = Analog voltage 0 - 5 V
 AV5 = Analog voltage 0 - 3.3V
 AI = Analog current 4-20 mA
 ASN = Switching output NPN
 ASP = Switching output PNP
 ASC = Switching output Contact
 SPI = Serial Peripheral Interface
 CAN = CANopen interface
 CANJ = CAN J1939 interface
 CANS = CANopen Safety interface
 PWM = Pulse Width Modulation
 232 = RS232
 IO = IO-link interface

Max switching current

Empty = Standard 100mA
 1 = 1A (range 1-6A)

Connection

K = PVC cable
 P = PUR cable
 PT = PUR/TPE cable
 TT = TPE/TPE cable
 C = Connector
 M = Male
 F = Female
 S = Special
 D = Deutsch connector
 y = y = any figure (connector or poles)
 p = number of poles

Configuration

Any 5-digit number or character combination for customer specific configuration

QG40 - N - K - I - X - h - 360 - H - 2 - AI - 1 - K - 10 - D - 5V - UL - 30001

Housing size

QG30 = 30x30 mm
 QG40 = 40x40 mm
 QG65 = 60x50 mm
 QG76 = 70x60 mm

Sensitive axis

X = X-axis
 Y = Y-axis
 Z = Z-axis
 empty = Inclino X or X&Y
 O = Omnidirectional

Sensor type

I = Single axis inclination
 D = Dual axis inclination
 A = Acceleration

Redundant

empty = non redundant
 2 = redundant

Resolution

standard:
 Empty = Standard accuracy
 E = Standard accuracy
 F = Medium accuracy
 H = High accuracy
 X = Extra high accuracy
 S = Client Specific
 next generation:
 Empty = High accuracy
 S = Client Specific

USA & Canada

U = cTUVus
 UL = UL

Supply voltage

Empty = Standard 10 - 30 Vdc
 5V = 5 Vdc

Cable length

in m if not standard 2m

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