1.10.051.005/0001



RAMO 22 K, M12, round collar, 2 NO, Gold, M12 4-pin A-coded, frontring black, 2 x 90°, latching, key removal position 0

NEW



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Signalling systems
- > Vehicle construction
- > Chemical industry
- > Industrial robots

special features

- > Precise haptics
- > Safe gold contacts
- > Simple M12 plug&play connection
- > Protected contacts due to sealed housing

description

Keylock switch with various switching positions and M12 terminal

technical data

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illuminated No Color black

Collar color black
Front ring color black
Collar shape round
Operating temperature, min. -40 °C
Operating temperature, max. 85 °C
Storage temperature, min. -40 °C
Storage temperature, max. 90 °C

Shock resistance according to

standard IEC 60068-2-27

Packaging Box
Packaging unit 2 pcs.

Environment resistance IEC 60068-2-14

IEC 60068-2-30 IEC 60068-2-78 50,000 Cycles

IP65

30 g at 11 ms amplitude semi-sinusoidal

Operating life 50,000 Cycles B10 62,627 Cycles

Degree of protection, front side,

according to DIN EN 60529

Degree of protection, rear side, IP65

according to DIN EN 60529

Salt-spray resistance according to IEC 60068-2-11

standard

direct links

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RoHS compliant Yes
REACH compliant Yes

oscillation restistance according 5 g at 10...500 Hz

to standard IEC 60068-2-6

> mounting diameters

Mounting hole 22.3 mm

Mounting depth 30 mm

Installation height 45 mm

Outside dimension, length 29.8 mm

Collar dimension 29.8 mm

> mechanical data

Actuation function latching
Operating force, max. 1.3 N
Contact function 2 NO
Contact material Gold
Key lock Kaba
Key removal position 0
Rotating angle 2 x 90°

Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

Terminal on the rear M12 4-pin A-coded

PIN 1 Normally open contact 1

Normally open contact 2

PIN 2 Normally open contact 2
PIN 4 Normally open contact 1

> electrical data

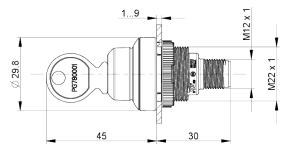
Rated voltage, min. 10 V Rated voltage, max. 32 V Rated current, max. 0.1 A

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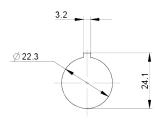


drawings

Dimensioned drawing



Mounting hole drawing



Schematic diagram

