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

>	a	en	er	al

illuminated No Color black Collar color black

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

Shock resistance according to

standard IEC 60068-2-27

Packaging Box Packaging unit 2 pcs.

IEC 60068-2-14 Environment resistance

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

30 g at 11 ms amplitude semi-sinusoidal

Operating life 62,627 Cycles

Degree of protection, front side,

according to DIN EN 60529

Degree of protection, rear side, according to DIN EN 60529

Salt-spray resistance according to standard

IEC 60068-2-11

IP65

IP65

direct links

> RAFI eCatalog

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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

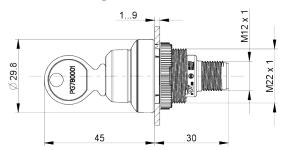
Rated voltage, min. 10 V Rated voltage, max. 32 V Rated current, max. 0.2 A

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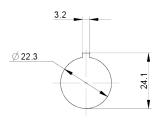


drawings

Dimensioned drawing



Mounting hole drawing



Schematic diagram

