

# RAMO 30 K, M12, round collar, 2 NO, Gold, M12 4-pin A-coded, frontring stainless steel, 1 x 90°, shape L, 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

#### > general

illuminated No
Color black
Collar color black

Front ring color stainless steel

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 30 g at 11 ms amplitude semi-sinusoidal

standard IEC 60068-2-27

Packaging Box
Packaging unit 2 pcs.
standard delivery time 3 weeks

Environment resistance IEC 60068-2-14

IEC 60068-2-30 IEC 60068-2-78

Operating life 50,000 Cycles B10 62,627 Cycles

Degree of protection, front side, IP6

according to DIN EN 60529

direct links

> RAFI eCatalog

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Degree of protection, rear side,

according to DIN EN 60529

UL Enclosure Type Rating front type 4X

side

Salt-spray resistance according to

standard

RoHS compliant Yes
REACH compliant Yes
Potential free no

oscillation restistance according

to standard IEC 60068-2-6

5 g at 10...500 Hz

IEC 60068-2-11

IP65

MOQ order 2

> mounting diameters

Mounting hole 30.3 mm

Mounting depth 36.3 mm

Installation height 38.8 mm

Grid, min. 35 mm

Outside dimension, width 34.5 mm

> mechanical data

Actuation function latching
Operating force, max. 1.3 N
Contact function 2 NO
Contact material Gold
Locking position 019
Key removal position 0

Rotating angle  $1 \times 90^{\circ}$ , shape L 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
Normally open contact 2

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

> electrical data

Rated insulation voltage 250 V
Rated surge voltage 2,500 V
Rated voltage, min. 1 V
Rated voltage, max. 32 V
Rated current, max. 0.1 A

Kind of short circuit protective fuse 250 V / 0,1 A / 1,5 kA gG quick

device

Rated operating voltage 35 V (AC-15) 35 V (DC-13)

Rated operating current 0.1 A

Pollution degree acc. to DIN EN Pollution degree 2

61010-1

Overvoltage category 2

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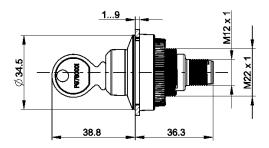


Conditional short circuit current 1,000 A

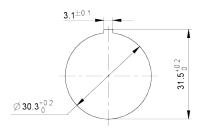


# drawings

### **Dimensioned drawing**



### Mounting hole drawing



### Schematic diagram

