# 1.10.021.025/0221



# RAMO 22 S, M12, round collar, 2 NO, Gold, M12 8-pin A-coded, frontring black, 2 x 60°, latching

## 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

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# description

Selector switch with various switching positions and M12 terminal

## technical data

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illuminated Yes
Color black
Bezel color white
Collar color black

Front ring color black Luminous element color white Collar shape round Operating temperature, min. -25 °C 70 °C Operating temperature, max. -40 °C Storage temperature, min. Storage temperature, max. 90 °C Luminous elements **LED** 

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 60068-2-78 200,000 Cycles

250,000 Cycles

30 g at 11 ms amplitude semi-sinusoidal

Degree of protection, front side,

according to DIN EN 60529

IP65

#### direct links

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Operating life

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Degree of protection, rear side,

according to DIN EN 60529

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

standard

RoHS compliant Yes
REACH compliant Yes
Potential free no

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

IP65

to standard IEC 60068-2-6

#### > mounting diameters

Mounting hole 22.3 mm

Mounting depth 30.05 mm

Installation height 23.83 mm

Outside dimension, length 29.8 mm

Outside dimension, width 29.8 mm

Outside dimension, height 53.88 mm

#### > mechanical data

Fixing Threaded ring

Terminal on the rear M12 8-pin A-coded

Normally open contact 1
Normally open contact 2

PIN 2 Normally open contact 2

PIN 3 GND

PIN 4 Normally open contact 1

PIN 5 LED +

### > electrical data

PIN 1

Operating voltage of the luminous 22 V

element, min.

Operating voltage of the luminous 26 V

element, max.

Operating current of the luminous 25 mA

element, max.

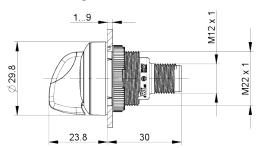
Rated voltage, min. 10 V Rated voltage, max. 32 V Rated current, max. 0.1 A

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# drawings

## **Dimensioned drawing**



## Mounting hole drawing

