1.10.021.001/0021



RAMO 22 S, M12, round collar, 2 NO, Gold, M12 4-pin A-coded, frontring black, 1 x 40°, momentary contact function

NEW



fields of application

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

No

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

>	general
_	uenera

illuminated

Color black
Bezel color white
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 60068-2-78 200,000 Cycles

30 g at 11 ms amplitude semi-sinusoidal

Operating life 200,000 Cycles B10 250,000 Cycles

Degree of protection, front side,

according to DIN EN 60529

Degree of protection, rear side, IP65

according to DIN EN 60529

direct links

> RAFI eCatalog

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IP65

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1.10.021.001/0021



UL Enclosure Type Rating front type 4X

side

Salt-spray resistance according to

standard

IEC 60068-2-11

RoHS compliant Yes
REACH compliant Yes
Potential free no

oscillation restistance according

to standard IEC 60068-2-6

5 g at 10...500 Hz

SAP MOQ order 2

> mounting diameters

Mounting hole 22.3 mm

Mounting depth 30.05 mm

Installation height 23.83 mm

Grid, min. 30 mm

Outside dimension, length 29.8 mm

Outside dimension, width 29.8 mm

Outside dimension, height 53.88 mm

> mechanical data

Actuation function momentary contact function

 $\begin{array}{lll} \text{Contact function} & 2 \text{ NO} \\ \text{Contact material} & \text{Gold} \\ \text{Rotating angle} & 1 \times 40^{\circ} \\ \end{array}$

Fixing Threaded ring

Terminal on the rear M12 4-pin A-coded

PIN 1 Normally open contact 1

Normally open contact 2 Normally open contact 2

PIN 4 Normally open contact 1

> electrical data

PIN 2

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.

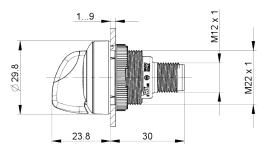
Rated voltage, min. 10 V Rated voltage, max. 32 V Rated current, max. 0.1 A

1.10.021.001/0021



drawings

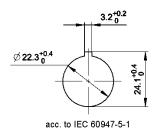
Dimensioned drawing



Schematic diagram



Mounting hole drawing



Schematic diagram

