1.10.021.201/0221



RAMO 22 S, M12, round collar, 1 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

special features

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

 $C \in$

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

30 g at 11 ms amplitude semi-sinusoidal

Degree of protection, front side,

according to DIN EN 60529

250,000 Cycles

IP65

direct links

> RAFI eCatalog

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RAFI GmbH & Co. KG

Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi.de, info@rafi.de

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 yes

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

IP65

to standard IEC 60068-2-6

> mounting diameters

Mounting hole22.3 mmMounting depth30.05 mmInstallation height23.83 mmOutside dimension, length29.8 mmOutside dimension, width29.8 mmOutside dimension, height53.88 mm

> mechanical data

Actuation function momentary contact function

Fixing Threaded ring
Terminal on the rear M12 4-pin A-coded

PIN 1 Normally open contact 1

PIN 2 LED + PIN 3 GND

PIN 4 Normally open contact 1

> electrical data

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.

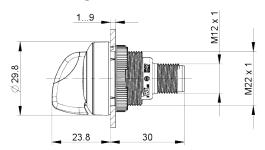
Rated voltage, min. 10 V Rated voltage, max. 32 V Rated current, max. 0.1 A

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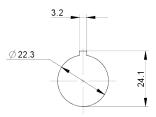


drawings

Dimensioned drawing



Mounting hole drawing



Schematic diagram

