

# RAMO 22 T, M12, round collar, momentary contact function, frontring black, 1 NO, bezel white

#### NEW



#### fields of application

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

#### special features

- > Key stroke with tactile feedback
- Based on the RAFI MICON 5 short-travel keyswitch with gold contacts, which has proven itself millions of times over
- > Single-part, closed housing
- Unique series with easiest Plug&Play connection
- > Completely tailored design fits the RAFIX range of control components
- > Installation size: 22.3 mm
- > Plug & Play connection M12
- Custom print options, including FLEXLAB bezels
- > Can be illuminated in many colors
- > Redundant version with 2 NO contacts







#### description

Because it features the RAFI MICON 5 tactile switch, RAMO 22 T offers tactile feedback with a noticeable click. Due to the IP 66/ IP69K degree of protection, it is recommended in particular for plant engineering and construction. RAMO 22 T requires a mounting hole diameter of 22.3 mm.

### technical data

#### > general

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 Operating temperature, max. 70 °C Storage temperature, min. -40 °C Storage temperature, max. 85 °C Luminous elements **LED** 

#### direct links

> RAFI eCatalog

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## 1.10.011.001/0221



Packaging Box Packaging unit 10 pcs.

IEC 60068-2-14 Environment resistance

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

Operating life 500,000 Cycles

Degree of protection, front side, IP66 according to DIN EN 60529 IP67 **IP69** 

Degree of protection, rear side, IP66 according to DIN EN 60529 **IP67** UL Enclosure Type Rating front type 4X

Salt-spray resistance according to

standard

IEC 60068-2-11

RoHS compliant Yes REACH compliant Yes Potential free yes SAP MOQ order 10

> mounting diameters

Mounting hole 22.3 mm Mounting depth 30.15 mm Installation height 9.95 mm Grid, min. 30 mm Outside dimension, width 29.8 mm

> mechanical data

Actuation function momentary contact function

Operating force, max. 12 N Operating force, min. 5 N Operating travel, max. 1 mm Contact function 1 NO Contact material Gold

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

PIN 2 LED + PIN 3 **GND** 

PIN 4 Normally open contact 1

> electrical data

Operating voltage of the luminous 20 V

element, min.

Operating voltage of the luminous 28 V

element, max.

0.02 V Rated voltage, min. 35 V Rated voltage, max.

30 V DC (42,4 V peak) Rated voltage, max. acc. to UL

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Rated current, min. 0.00001 A

Rated current, max. 0.1 A

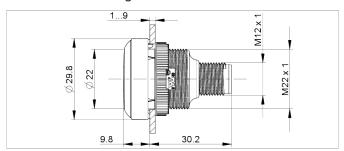
Rated power, max. 1 W

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## drawings

#### **Dimensioned drawing**



#### Mounting hole drawing

