

# RAMO 30 T, M8, round collar, momentary contact function, frontring stainless steel, 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
- Flat overall height
- Stainless steel front ring
- Installation size: 30.3 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 30 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 30 T requires a mounting hole diameter of 30.3 mm and offers an extremely flat design of the front panel.

## technical data

### ➤ general

|                             |                 |
|-----------------------------|-----------------|
| illuminated                 | Yes             |
| Color                       | black           |
| Bezel color                 | white           |
| Collar color                | black           |
| Front ring color            | stainless steel |
| Luminous element color      | white           |
| Collar shape                | round           |
| Operating temperature, min. | -25 °C          |
| Operating temperature, max. | 70 °C           |
| Storage temperature, min.   | -40 °C          |

### direct links

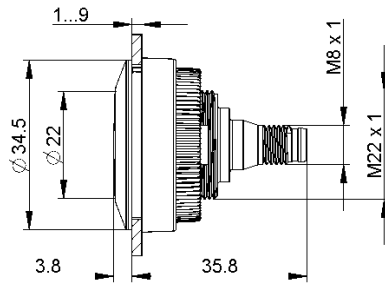
- RAFI eCatalog

|  |  |
|--|--|
| Storage temperature, max.                                      | 85 °C  |
| Luminous elements  | LED  |
| Packaging  | Box  |
| Packaging unit   | 10 pcs.  |
| Environment resistance   | IEC 60068-2-14<br>IEC 60068-2-30<br>IEC 60068-2-78 |
| Operating life   | 500,000 Cycles                                     |
| Degree of protection, front side,<br>according to DIN EN 60529 | IP66<br>IP67<br>IP69                               |
| Degree of protection, rear side,<br>according to DIN EN 60529  | IP66<br>IP67                                       |
| UL Enclosure Type Rating front<br>side                         | type 4X  |
| Salt-spray resistance according to<br>standard                 | IEC 60068-2-11                                     |
| RoHS compliant   | Yes  |
| REACH compliant  | Yes  |
| Potential free   | yes  |
| SAP MOQ order  | 10   |
| <b>&gt; mounting diameters</b>                                 |  |
| Mounting hole  | 30.3 mm  |
| Mounting depth   | 35.75 mm   |
| Installation height  | 3.75 mm  |
| Grid, min.   | 35 mm  |
| Outside dimension, width                                       | 34.5 mm  |
| <b>&gt; mechanical data</b>                                    |  |
| 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   | M8   |
| PIN 1  | Normally open contact 1                            |
| PIN 2  | LED +  |
| PIN 3  | GND  |
| PIN 4  | Normally open contact 1                            |
| <b>&gt; electrical data</b>                                    |  |
| Operating voltage of the luminous<br>element, min.             | 20 V   |
| Operating voltage of the luminous<br>element, max.             | 28 V   |
| Rated voltage, min.  | 0.02 V   |
| Rated voltage, max.  | 35 V   |

|   |                       |
|---|-----------------------|
| Rated voltage, max. acc. to UL<br>60947 | 30 V DC (42,4 V peak) |
| Rated current, min.                     | 0.00001 A             |
| Rated current, max.                     | 0.1 A                 |
| Rated power, max.                       | 1 W                   |

## drawings

### Dimensioned drawing



### Mounting hole drawing

