

RAMO 30 T M12, round collar, momentary contact function, green

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

direct links

› [RAFI eCatalog](#)

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|--|--|
| Packaging | Box |
| Packaging unit | 10 pcs. |
| Environment resistance | IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-78 |
| Operating life | 500,000 Cycles |
| Degree of protection, front side, according to DIN EN 60529 | IP66 IP67 IP69 |
| Degree of protection, rear side, according to DIN EN 60529 | IP66 IP67 |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| Potential free | yes |

> mounting diameters

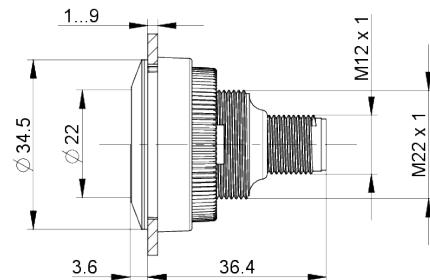
| | |
|--------------------------|----------|
| Mounting hole | 30.3 mm |
| Mounting depth | 36.35 mm |
| Installation height | 3.75 mm |
| Outside dimension, width | 34.5 mm |

> 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

| | |
|--|-----------|
| Rated operating voltage | 24 V |
| Operating voltage of the luminous element, min. | 20 V |
| Operating voltage of the luminous element, max. | 28 V |
| Rated voltage, min. | 0.02 V |
| Rated voltage, max. | 35 V |
| Rated current, min. | 0.00001 A |
| Rated current, max. | 0.1 A |
| Rated power, max. | 1 W |

drawings**Dimensioned drawing****Mounting hole drawing**