

# 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

# (€ c**%**us

## 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

direct links

> RAFI eCatalog

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

70 °C

-40 °C

90 °C

**LED** 

RAFI GmbH & Co. KG

Operating temperature, max.

Storage temperature, min.

Storage temperature, max.

Luminous elements

## 1.11.011.001/0550



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 IP67 IP69

Degree of protection, rear side, according to DIN EN 60529 IP67
RoHS compliant Yes
REACH compliant Yes
Potential free yes

> mounting diameters

Mounting hole30.3 mmMounting depth36.35 mmInstallation height3.75 mmOutside dimension, width34.5 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 + GND

PIN 4 Normally open contact 1

> electrical data

Rated operating voltage 24 V Operating voltage of the luminous 20 V

element, min.

Operating voltage of the luminous 28 V

element, max.

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

## 1.11.011.001/0550



# drawings

## **Dimensioned drawing**

