

# RAMO 30 T M12, round collar, ring illumination, momentary contact function, frontring stainless steel, Color transparent, 1 NO, bezel stainless steel

**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	stainless steel
Collar color	black
Front ring color	stainless steel
Ring lighting color	transparent
Collar shape	round
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C

### direct links

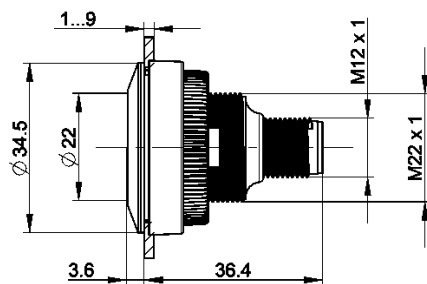
- [RAFI eCatalog](#)

Storage temperature, min.	-40 °C
Storage temperature, max.	85 °C
Luminous elements	LED
Packaging	Box
Packaging unit	10 pcs.
net weight	26.2 g
standard delivery time	3 weeks
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-78
Operating life	500,000 Cycles
B10	650,000 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
UL Enclosure Type Rating front side	type 4X
Salt-spray resistance according to standard	IEC 60068-2-11
RoHS compliant	Yes
REACH compliant	Yes
Potential free	yes
MOQ order	10
<b>&gt; mounting diameters</b>	
Mounting hole	30.3 mm
Mounting depth	36.4 mm
Installation height	3.6 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	M12 4-pin A-coded
PIN 1	Normally open contact 1
PIN 2	LED +
PIN 3	GND
PIN 4	Normally open contact 1
<b>&gt; electrical data</b>	
Rated insulation voltage	250 V

Rated surge voltage	800 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 voltage, max. acc. to UL 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
Kind of short circuit protective device	fuse 250 V / 0,1 A / 1,5 kA gG quick
Rated operating voltage	35 V (AC-15) 35 V (DC-13)
Rated operating current	0.1 A
Pollution degree acc. to DIN EN 61010-1	Pollution degree 2
Overvoltage category	2
Conditional short circuit current	1,000 A

## drawings

### Dimensioned drawing



### Mounting hole drawing

