

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

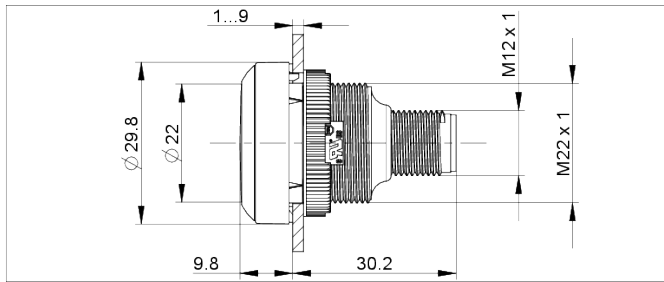
- › [RAFI eCatalog](#)

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
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
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 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

drawings

Dimensioned drawing



Mounting hole drawing

