

RAMO 22 I, M12, round collar, lamp white, bezel white, M12 4-pin A-coded




fields of application

- › Measurement-control-regulation
- › Electrical engineering
- › Mechanical and system engineering
- › Vehicle construction
- › Chemical industry
- › Industrial robots

special features

- › Energy-efficient and bright LED signal lamp
- › 180° field of vision
- › Single-piece mono-housing
- › Unique series with easy Plug&Play connection
- › Completely tailored design – fits the RAFIX range of control components
- › Installation size: 22.3 mm
- › Available in a large range of colors



description

RAMO I signal lamps extend the range with a bright, energy-efficient signal lamp. The concave bezel means the reflected beam angle and angle of vision are more than 180°. It also provides a different look to the RAMO T pushbuttons. The signal lamp is available in five colors.

Just like all RAMO actuators, connection is simple using Plug&Play and without any manual wiring – with M12 sensor cables.

With the RAMO I FLEXLAB signal lamps an individual configuration of the lens color and labeling is possible by the customer. This allows maximum flexibility. Lenses are additionally required as accessories.

technical data

› general

illuminated	Yes
Color	black
Bezel color	white
Collar 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.	90 °C
Luminous elements	LED
Packaging	Box

direct links

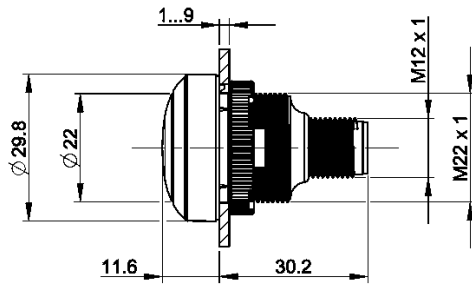
- › [RAFI eCatalog](#)

Packaging unit	10 pcs.
standard delivery time	3 weeks
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-78
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
shock resistance	04 05 side
MOQ order	10
> mounting diameters	
Mounting hole	22.3 mm
Mounting depth	30.2 mm
Installation height	11.6 mm
Grid, min.	30 mm
Collar dimension	29.8 mm
> mechanical data	
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm
Terminal on the rear	M12 4-pin A-coded
PIN 2	LED +
PIN 3	GND
> electrical data	
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
Operating current of the luminous element, min.	8 mA
Operating current of the luminous element, max.	12 mA
Kind of short circuit protective device	fuse 250 V / 0,1 A / 1,5 kA gG quick
Rated operating voltage	DC 20 - 28 V
Rated operating current	0.01 A
Pollution degree acc. to DIN EN 61010-1	Pollution degree 2

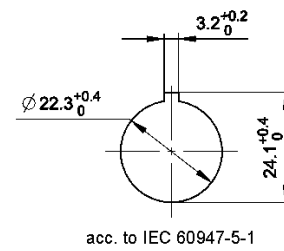
Overvoltage category	2
Conditional short circuit current	1,000 A

drawings

Dimensioned drawing



Mounting hole drawing



Schematic diagram

