

# RAMO 22 S, M12, round collar, 2 NO, Gold, M12 8-pin A-coded, frontring black, 2 x 60°, latching

NEW



## fields of application

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

## special features

- Precise haptics
- Safe gold contacts
- Simple M12 plug&play connection
- Protected contacts due to sealed housing



## description

Selector switch with various switching positions and M12 terminal

## technical data

### ➤ general

illuminated	Yes	<b>direct links</b>
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.	90 °C	
Luminous elements	LED	
Shock resistance according to standard IEC 60068-2-27	30 g at 11 ms amplitude semi-sinusoidal	
Packaging	Box	
Packaging unit	2 pcs.	
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-78	
Operating life	200,000 Cycles	
B10	250,000 Cycles	
Degree of protection, front side, according to DIN EN 60529	IP65	

### ➤ RAFI eCatalog

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Degree of protection, rear side, according to DIN EN 60529	IP65
Salt-spray resistance according to standard	IEC 60068-2-11
RoHS compliant	Yes
REACH compliant	Yes
Potential free	no
oscillation restistance according to standard IEC 60068-2-6	5 g at 10...500 Hz

**> mounting diameters**

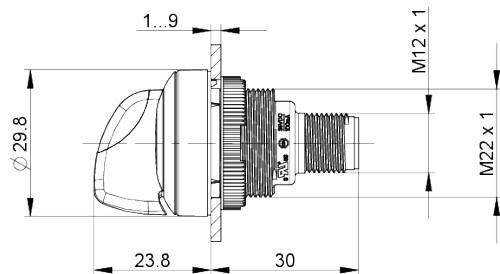
Mounting hole	22.3 mm
Mounting depth	30.05 mm
Installation height	23.83 mm
Outside dimension, length	29.8 mm
Outside dimension, width	29.8 mm
Outside dimension, height	53.88 mm

**> mechanical data**

Actuation function	latching
Contact function	2 NO
Contact material	Gold
Rotating angle	2 x 60°
Fixing	Threaded ring
Terminal on the rear	M12 8-pin A-coded
PIN 1	Normally open contact 1
	Normally open contact 2
PIN 2	Normally open contact 2
PIN 3	GND
PIN 4	Normally open contact 1
PIN 5	LED +

**> electrical data**

Operating voltage of the luminous element, min.	22 V
Operating voltage of the luminous element, max.	26 V
Operating current of the luminous element, max.	25 mA
Rated voltage, min.	10 V
Rated voltage, max.	32 V

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