

RAMO 22 S, M12, round collar, 1 NO, Gold, M12 4-pin A-coded, frontring black, 1 x 40°, momentary contact function


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 |
| 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 |

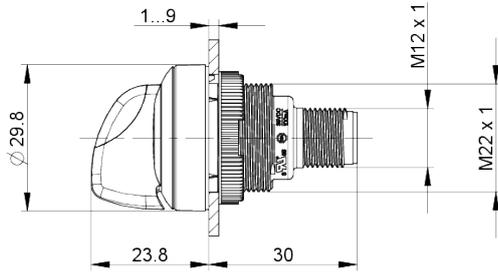
direct links

- › [RAFI eCatalog](#)

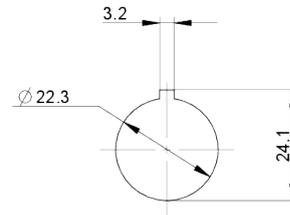
| | |
|--|----------------------------|
| Degree of protection, rear side, according to DIN EN 60529 | IP65 |
| Salt-spray resistance according to standard | IEC 60068-2-11 |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| Potential free | yes |
| oscillation resistance according to standard IEC 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 | momentary contact function |
| Contact function | 1 NO |
| Contact material | Gold |
| Rotating angle | 1 x 40° |
| Fixing | Threaded ring |
| 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. | 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 |
| Rated current, max. | 0.1 A |

drawings

Dimensioned drawing



Mounting hole drawing



Schematic diagram

