

RAMO 30 K, M12, round collar, 2 NO, Gold, M12 4-pin A-coded, frontring stainless steel, 2 x 90°, latching, key removal position 0


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

Keylock switch with various switching positions and M12 terminal

technical data

› general

illuminated	No
Color	black
Collar color	black
Front ring color	stainless steel
Collar shape	round
Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	90 °C
Shock resistance according to standard IEC 60068-2-27	30 g at 11 ms amplitude semi-sinusoidal
Packaging	Box
Packaging unit	2 pcs.
standard delivery time	3 weeks
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-78
Operating life	50,000 Cycles
B10	62,627 Cycles
Degree of protection, front side, according to DIN EN 60529	IP65
Degree of protection, rear side, according to DIN EN 60529	IP65

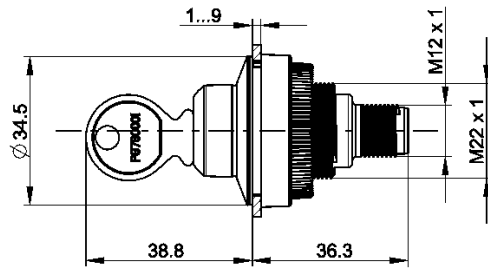
direct links

- › [RAFI eCatalog](#)

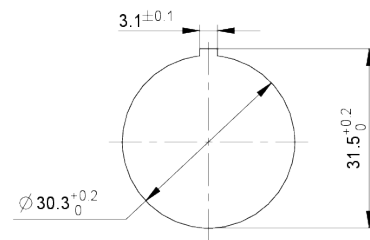
UL Enclosure Type Rating front side	type 4X
Salt-spray resistance according to standard	IEC 60068-2-11
RoHS compliant	Yes
REACH compliant	Yes
Potential free	no
oscillation resistance according to standard IEC 60068-2-6	5 g at 10...500 Hz
MOQ order	2
> mounting diameters	
Mounting hole	30.3 mm
Mounting depth	36.3 mm
Installation height	38.8 mm
Grid, min.	35 mm
Outside dimension, width	34.5 mm
> mechanical data	
Actuation function	latching
Operating force, max.	1.3 N
Contact function	2 NO
Contact material	Gold
Locking position	019
Key removal position	0
Rotating angle	2 x 90°
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 Normally open contact 2
PIN 2	Normally open contact 2
PIN 4	Normally open contact 1
> electrical data	
Rated insulation voltage	250 V
Rated surge voltage	2,500 V
Rated voltage, min.	1 V
Rated voltage, max.	32 V
Rated current, max.	0.1 A
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



Schematic diagram

