

# RAMO 22 K, M12, round collar, 2 NO, Gold, M12 4-pin A-coded, frontring black, 1 x 90°, 1 x 40°, momentary contact function / latching, key removal position 0

#### NEW



- > 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	direct links
Color	black	➤ RAFI eCatalog
Collar color	black	
Front ring color	black	
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.	
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	

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technical data sheet

# 1.10.051.006/0001



	Salt-spray resistance according to standard	IEC 60068-2-11
	RoHS compliant	Yes
	REACH compliant	Yes
	oscillation restistance according	5 g at 10500 Hz
、	to standard IEC 60068-2-6	
,	mounting diameters	00.0
	Mounting hole	22.3 mm
	Mounting depth	30 mm
	Installation height	45 mm
	Outside dimension, length	29.8 mm
	Outside dimension, width	29.8 mm
	Collar dimension	29.8 mm
>	mechanical data	
	Actuation function	latching / momentary
	Operating force, max.	1.3 N
	Contact function	2 NO
	Contact material	Gold
	Key lock	Kaba
	Key removal position	0
	Rotating angle	1 x 90°, 1 x 40°
	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 voltage, min.	10 V
	Rated voltage, max.	32 V
	Rated current, max.	0.2 A

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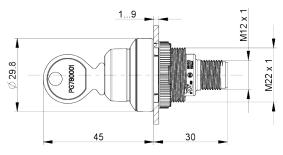
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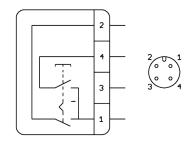


## drawings

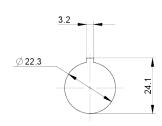
### **Dimensioned drawing**



#### Schematic diagram



#### Mounting hole drawing



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