

RAMO 22 K, M12, round collar, 1 NC + 1 NO, Gold, M12 4-pin Acoded, frontring black, 1 x 90°, shape V, latching, key removal position 0



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	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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	Salt-spray resistance according to standard	IEC 60068-2-11
	RoHS compliant	Yes
	REACH compliant	Yes
	oscillation restistance according	
	to standard IEC 60068-2-6	5 g at 10500 Hz
>	mounting diameters	
1	Mounting hole	22.3 mm
	Mounting depth	30 mm
		45 mm
	Installation height	29.8 mm
	Outside dimension, length	
	Outside dimension, width	29.8 mm
	Collar dimension	29.8 mm
>	mechanical data	
	Actuation function	latching
	Operating force, max.	1.3 N
	Contact function	1 NC + 1 NO
	Contact material	Gold
	Key lock	Kaba
	Key removal position	0
	Rotating angle	1 x 90°, shape V
	Fixing	Threaded ring
	Threaded ring torque, max.	1.2 Nm
	Terminal on the rear	M12 4-pin A-coded
	PIN 1	Normally closed contact
		Normally open contact 1
	PIN 2	Normally closed contact
	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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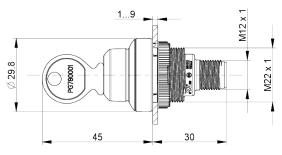
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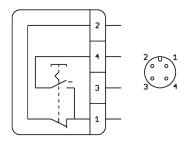


drawings

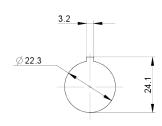
Dimensioned drawing



Schematic diagram



Mounting hole drawing



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