

special features

> Precise haptics

Safe gold contacts

> Simple M12 plug&play connection

> Protected contacts due to sealed housing

RAMO 30 S, M12, round collar, 2 NO, Gold, M12 8-pin A-coded, frontring stainless steel, 2 x 40°, momentary contact function



fields of application

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

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description

The RAMO S selector switches offer a solution for every application thanks to a wide variety of contact functions, rotation angles, actuation functions and illuminated panels.

Just like all RAMO actuators, connection is simple using Plug&Play and without any manual wiring - with M12 sensor cables.

Additional information according to UL certificate:

For Class 2 Power Source or Limited Voltage / Limited Current only

Installation only by trained specialist personnel.

Type 4x Indoor only with cable "Cat. No. 7000-08061-0210100 PUR 4x0.25mm² with M8 connector, rated max. 30VAC/DC 4A,

manufactured by Murrelektronik GmbH" and "Cat. No. 7000-12221-0340100 PUR 4x0.34mm² with M12 connector, rated max. 30VAC/ DC 4A, manufactured by Murrelektronik GmbH"

For Use on a Flat Surface of a Type 1 or 4x indoor only Enclosure.

technical data

> general		
Potential free	no	direct links
Color	black	> RAFI eCatalog
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	
illuminated	Yes	

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De		Davi
	ckaging	Box
	ckaging unit	2 pcs.
	t weight	22.2 g
	perating life	200,000 cycles
B1		250,000 cycles
	egree of protection, front side, cording to DIN EN 60529	IP65
	egree of protection, rear side, cording to DIN EN 60529	IP65
UL sic	. Enclosure Type Rating front le	type 4X indoor
En	vironment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-78
	ock resistance according to andard IEC 60068-2-27	30 g at 11 ms amplitude semi-sinusoidal
	It-spray resistance according to andard	IEC 60068-2-11
sh	ock resistance	01 side
		08 frontal
	cillation restistance according standard IEC 60068-2-6	5 g at 10500 Hz
M	OQ order	2 pcs.
Po	llution degree acc. to DIN EN	Pollution degree 2
	010-1	0
Rc	HS compliant	Yes
RE	ACH compliant	Yes
) m	ounting diameters	
Οι	itside dimension, length	34.5 mm
Οι	itside dimension, width	34.5 mm
Οι	ıtside dimension, height	53.9 mm
M	ounting hole	30.3 mm
M	ounting depth	36.3 mm
Ins	stallation height	17.6 mm
Gr	id, min.	35 mm
m	echanical data	
Ac	tuation function	momentary contact function
Re	sistance to force on the side	300 N
Сс	ntact function	2 NO
Сс	ntact material	Gold
Rc	otating angle	2 x 40°
Fix	king	Threaded ring
Th	readed ring torque, max.	1.2 Nm
Te	rminal on the rear	M12 8-pin A-coded
PII	N 1	Normally open contact 1
		Normally open contact 2
PII	N 2	Normally open contact 2
PII	N 3	GND

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	PIN 4	Normally open contact 1
	PIN 5	LED +
>	electrical data	
	Rated insulation voltage	250 V
	Rated surge voltage	2,500 V
	Rated operating voltage	35 V (AC-15)
		35 V (DC-13)
	Operating voltage of the luminous element, min.	22 V
	Operating voltage of the luminous element, max.	26 V
	Rated voltage, min.	1 V
	Rated voltage, max.	32 V
	Voltage type	DC
	Rated operating current	0.1 A
	Rated operating voltage	1-32 V
	Operating current of the luminous	25 mA
	element, max.	
	Rated current, max.	0.1 A
	Power loss	0.70080 W
	Overvoltage category	2
	Kind of short circuit protective device	fuse 250 V / 0,1 A / 1,5 kA gG quick
	Conditional short circuit current	1,000 A



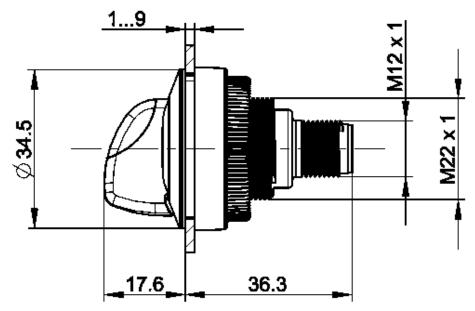




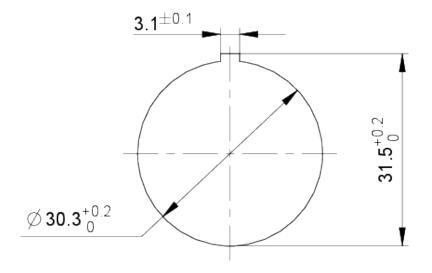


drawings

Dimensioned drawing



Mounting hole drawing



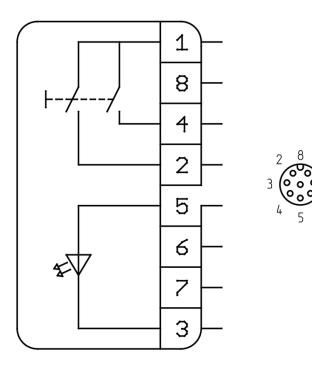
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Schematic diagram



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