

# Priority keylock switch, 16.2 mm, round collar, 1 NO, Gold, Solder terminal, 3 x 90°, latching, key removal position 0



## fields of application

- > Measurement-control-regulation
- > Signalling systems
- > Industrial robots

# special features

> max. 35 V
> 100 mA



# description

CE

The locking systems we use were created according to the DIN EN 1303 standard by well-known lock manufacturers. They are open, mechanical systems which, depending on the environmental conditions, require occasional maintenance (e.g. greasing & oiling) by the machine or system operator.

Depending on the key, different switch positions are permitted: Key 1 switches to lock position 1, key 2 to lock position 1 and 2, etc...

Scope of delivery:  $2 \times 90^{\circ} \rightarrow 2$  keys,  $3 \times 90^{\circ} \rightarrow 3$  keys.

#### technical data > general direct links Collar shape round -25 °C > RAFI eCatalog Operating temperature, min. -40 °C Storage temperature, min. 70 °C Operating temperature, max. 80 °C Storage temperature, max. illuminated No Soldering time for manual 3 sec soldering, max. Soldering temperature for manual 350 °C soldering Manual soldering Soldering Packaging Box Packaging unit 2 pcs. Operating life 50,000 cycles B10 65,000 cycles MOQ order 10 pcs. **RoHS** compliant Yes **REACH** compliant Yes > mounting diameters Mounting hole 16.2 mm

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Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com technical data sheet

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	Mounting depth	39.5 mm
	Installation height	7.5 mm
	Outside dimension, length	18 mm
	Outside dimension, width	18 mm
	Collar dimension	18 mm
>	mechanical data	
	Actuation function	latching
	Operating torque, max.	1.8 Nm
	Contact function	1 NO
	Contact system	Bridge-sliding contact
	Contact material	Gold
	Locking position	001
	Key lock	Micromec
	Key removal position	0
	Rotating angle	3 x 90°
	Fixing	Threaded ring
	Threaded ring torque, max.	0.8 Nm
	Terminal on the rear	Solder terminal
	Solderability	Yes
>	electrical data	
	Rated voltage, min.	5.000 V
	Rated voltage, max.	35 V
	Rated current, min.	0.05 A
	Rated current, max.	0.1 A

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