RAFI

Keylock switch - round collar

1.10.118.612/0000

Included: 2 keys.

General information	
Form of collar	round

Dimensions	
Diameter of collar	18 mm
Overall height	7.5 mm
Mounting depth	39.5 mm; with plug-in socket 41.25 mm
Mounting hole	16.2 mm

Mechanical design	
Mounting	ring nut
Terminals	solder terminals
Contact system	sliding contact, self cleaning
Contact function	latching
Contact arrangement	1 NO at every switching position
Contact materials	Au alloy
Illumination	no

Mechanical design of lock	
Lock	cylinder lock with pin tumblers
Wafers	5 pins
Lock type	5001
Number of locking positions	10,000
Main key	on request
Symmetric key	on request
Key removal position	0+1

Mechanical characteristics	
Operating force min.	0.035 Nm
Operating force max.	1.8 Nm

Electrical characteristics	
Rated voltage AC/DC max.	35 V
Rated voltage AC/DC min.	5 V
Rated current AC/DC max.	100 mA
Rated current AC/DC min.	5 mA
ESD strength max.	12 kV
Insulation resistance	$6 \times 10^8 \ \Omega$
Contact resistance max.	200 mΩ

Technical data are approximate and intended solely for general orientation in the selection of a product.
Subject to modifications and errors. Images and other graphics may only be similar.
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Other specifications

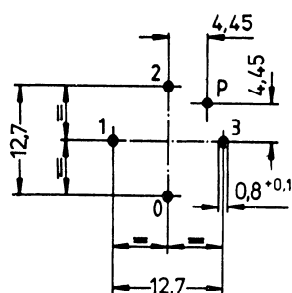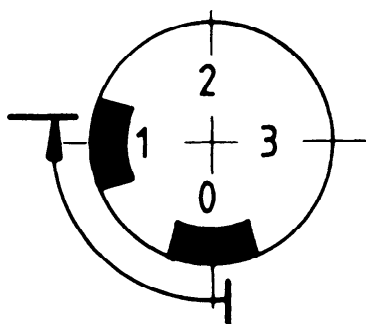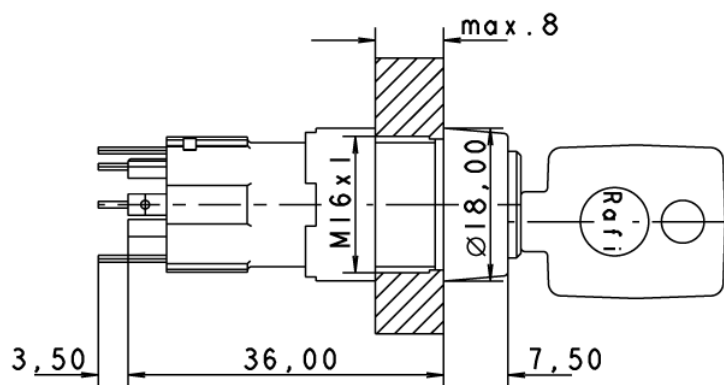|	
Operating life (operations)	50,000 cycle
Degree of protection from front side	IP65 (DIN EN 60529)
Operation temperature min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
Soldering temperature max.	350 °C
Soldering time max.	3 s
Weight	29 g
Rotating angle	1 x 90°
ROHS compliant	yes
REACH compliant	yes

Mounting hole
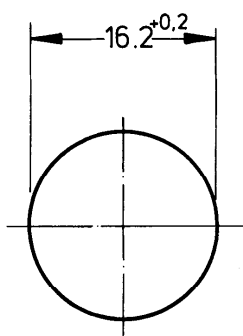
PCB hole pattern, sight on component side

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max.8

M16x1

∅18,00

Rafi

3,50   36,00   7,50

2
1   3
0

with plug-in socket

M16x1

∅18,00

Rafi

3,75   37,50   7,50
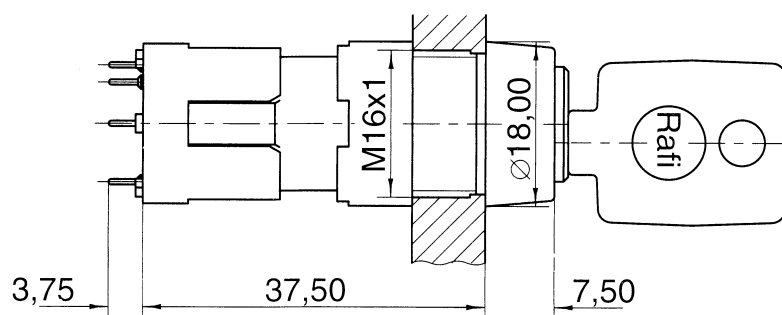
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