1.10.051.604/0001



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

NEW



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

illuminated No Color black

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

Packaging Box
Packaging unit 2 pcs.

Environment resistance IEC 60068-2-14

IEC 60068-2-30 IEC 60068-2-78 50,000 Cycles

30 g at 11 ms amplitude semi-sinusoidal

Operating life 50,000 Cycles B10 62,627 Cycles

Degree of protection, front side,

according to DIN EN 60529

Degree of protection, rear side, IP65

according to DIN EN 60529

IP65

direct links

> RAFI eCatalog

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

RAFI GmbH & Co. KG

Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi.de, info@rafi.de

1.10.051.604/0001



Salt-spray resistance according to

standard

RoHS compliant Yes
REACH compliant Yes

oscillation restistance according

to standard IEC 60068-2-6

5 g at 10...500 Hz

IEC 60068-2-11

> mounting diameters

Mounting hole 22.3 mm

Mounting depth 30 mm

Installation height 45 mm

Outside dimension, length 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+1

Rotating angle $1 \times 90^{\circ}$, 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 1

Normally open contact 1

PIN 2 Normally closed contact 1
PIN 4 Normally open contact 1

> electrical data

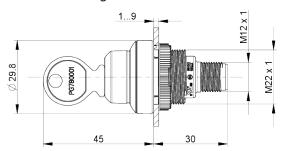
Rated voltage, min. 10 V Rated voltage, max. 32 V Rated current, max. 0.1 A

1.10.051.604/0001

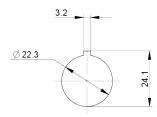


drawings

Dimensioned drawing



Mounting hole drawing



Schematic diagram

