### 1.10.051.201/0001



# RAMO 22 K, M12, round collar, 1 NC + 1 NO, Gold, M12 4-pin A-coded, frontring black, 1 x 40°, momentary contact function, key removal position 0

#### 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 60068-2-78 300,000 Cycles

30 g at 11 ms amplitude semi-sinusoidal

Operating life 300,000 Cycles B10 429,962 Cycles

Degree of protection, front side,

according to DIN EN 60529

Degree of protection, rear side, IP65

according to DIN EN 60529

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.

**IP65** 

RAFI GmbH & Co. KG

## 1.10.051.201/0001



IEC 60068-2-11 Salt-spray resistance according to

standard

RoHS compliant Yes **REACH** compliant Yes Potential free no

oscillation restistance according 5 g at 10...500 Hz

to standard IEC 60068-2-6

#### > mounting diameters

Mounting hole 22.3 mm Mounting depth 30 mm Installation height 45 mm Outside dimension, length 29.8 mm Outside dimension, width 29.8 mm Collar dimension 29.8 mm

> mechanical data

Actuation function momentary contact function

Operating force, max. 1.3 N

Contact function 1 NC + 1 NO

Contact material Gold Key lock Kaba Key removal position Rotating angle 1 x 40°

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

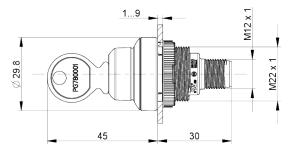
Rated voltage, min. 10 V Rated voltage, max. 32 V Rated current, max. 0.2 A

# 1.10.051.201/0001

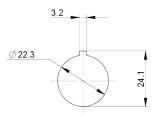


# drawings

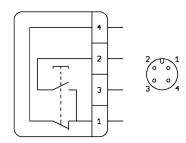
#### **Dimensioned drawing**



#### Mounting hole drawing



#### Schematic diagram



# **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Keylock Switches category:

Click to view products by Rafi manufacturer:

Other Similar products are found below:

89496-09 58J1007 58J8A45-01B05N 719-0201-000 719-0202-000 719-0702-000 719-5504-000 84800-04 GKNC33L GKNC3L

PVA2OAH5 HA1K-2C2VA-2 14-235.022K AS6H-2K2A AS6M-2K1B AS6Q-2K2A AS6Q-3K2A 1571487-1 KEY-AS6 KH3C-20C

8928K493 2SWK131AL102 AS6M-2K1A AS6Q-2K1PB 51-401.036D 51-414.036D HW1K-31BF20 HW1K-3HF20 Y1112-2027CLFT

51-195.025D 51-378.AD 51-404.036D 51-405.036D 1-1437597-8 58J8A36-01B04N 58M1422 86945-05 719-0204-000 719-0205-000

719-0801-000 719-0804-000 719-0805-000 88422-18 58J8A90-01B02N 58J8A90-01C02N 58J9P36-01B09N 58J8A36-01C03N

GKRA3K1A2-F03-C GKBB14L6 14-236.025K1020