

# E-BOX M12, emergency stop, 2 NC, Gold, M12 4-pin A-coded, reset by rotating, Mushroom head red



#### fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Construction machinery
- > Industrial robots
- > Model construction
- > Home technology

### special features

- > Compact dimensions: 109 x 40 x 27 mm
- > Various actuator-indicator combinations from the RAFIX 22 FS+ control unit series
- > With yellow upper part of housing for combinations with emergency stop actuator
- > With gray upper part of housing for pushbutton combinations
- > Mounting with time-saving single-hole screw mounting technology, particularly suitable for aluminum profile rails or alternatively direct mounting with M4
- > Connection with M12 plug: "Plug and Play









### description

The E-Box M12 is a ready-to-connect, completely equipped housing including actuator and switching elements. Thus, for example, emergency stop, on/off and up/down functions, also with additional status displays, can be implemented with the very compact dimensions of the E-Box. The assembly: Screw on the clip, put on the box, connect the plug, check and ready. The E-Box M12 can be used wherever individual command device units are required at decentralized locations. Typically, for example, for emergency stop applications along a production facility or at the safety fence. The dimensions of the E-Box M12 are based on the edge dimensions of a 40 mm profile rail and the mounting concept is also designed for this.

### technical data

Actuator position 1 Emergency stop Color yellow

Color of mushroom red -25 °C Operating temperature, min. 70 °C Operating temperature, max. -40 °C Storage temperature, min. 80 °C Storage temperature, max. illuminated No Packaging Box Packaging unit 1 pcs. net weight 107.5 g Operating life 50,000 cycles direct links

> RAFI eCatalog

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65,000 cycles

RAFI GmbH & Co. KG



B10d 130,000 cycles

IP65

Degree of protection, front side,

according to DIN EN 60529

Degree of protection, rear side, IP65

according to DIN EN 60529

Protection class II

MOQ order 1 pcs.
RoHS compliant Yes
REACH compliant Yes

> mounting diameters

Outside dimension, length 123.2 mm
Outside dimension, width 40 mm
Outside dimension, height 60.2 mm

> mechanical data

Contact function 2 NC
Contact material Gold

Resetting by rotating
Fixing Assembly clip

Terminal on the rear M12 4-pin A-coded

PIN 1 Normally closed contact 1
PIN 2 Normally closed contact 1
PIN 3 Normally closed contact 2
PIN 4 Normally closed contact 2

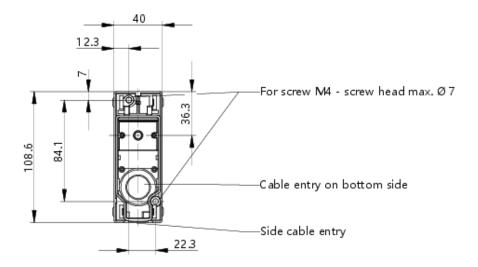
> electrical data

Rated voltage, min. 5 V Rated voltage, max. 35 V Voltage type AC / DC Rated operating voltage 5-35 V Rated current, min. 0.001 A Rated current, max. 0.1 A Rated power, max. 0.25 W Power loss 0 W

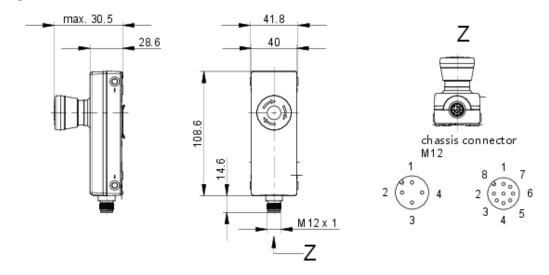


## drawings

### **Dimensioned drawing**



### System drawing





#### Schematic diagram

