

E-BOX M12, 2 pushbuttons, frontring metallic silver, 2 NO, bezel white, label Arrows



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 screws
- > 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

> (gen	eral
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Legending Arrows
Actuator position 1 Pushbuttons
Actuator position 2 Pushbuttons

Color light gray
Legending color black
Bezel color white

Property of bezel / mushroom translucent

Collar color dark gray

Front ring color metallic silver

Collar shape round
Operating temperature, min. -25 °C
Operating temperature, max. 70 °C
Storage temperature, min. -40 °C

direct links

> RAFI eCatalog

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Storage temperature, max. 80 °C illuminated No Packaging Box Packaging unit 1 pcs. net weight 105 g

Operating life electrical 1.000.000 (10mA / 24V DC) cycles B10 electrical 1.300.000 (10mA / 24V DC) 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 5 pcs.
RoHS compliant Yes
REACH compliant Yes

> mounting diameters

Outside dimension, length 123.2 mm
Outside dimension, width 40 mm
Outside dimension, height 39.3 mm

> mechanical data

Contact function 2 NO
Contact material Gold

Fixing Assembly clip
Terminal on the rear M12 4-pin A-coded

PIN 1 Normally open contact 2
PIN 2 Normally open contact 2
PIN 3 Normally open contact 1
PIN 4 Normally open contact 1

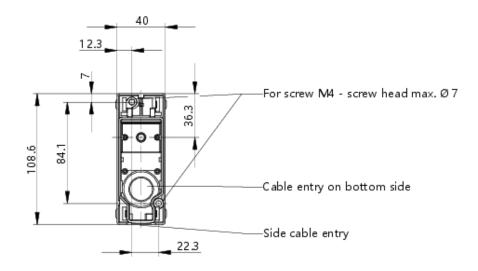
> electrical data

Rated voltage, min. 5 V 35 V Rated voltage, max. AC/DC Voltage type Rated operating voltage 5-35 V Rated current, min. 0.001 A Rated current, max. 0.1 A 0.25 W Rated power, max. 0.00030 W Power loss

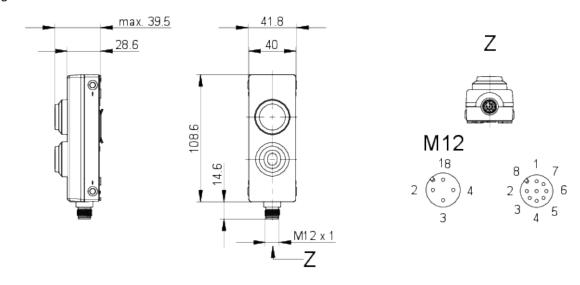


drawings

Dimensioned drawing



System drawing





Schematic diagram

