

RAFIX 16, emergency stop, round collar, protected against interlocking, reset by rotating



fields of application

- Measurement-control-regulation
- Electrical engineering
- Mechanical and system engineering
- Industrial robots

special features

- Emergency stop for safety functions
- Override-proof in accordance with DIN EN ISO 13850 due to positively driven mechanical motion sequence
- Robust - also suitable for operation with gloves
- Close mounting of actuators possible, as wiring is axial from behind
- Degree of protection: IP 65 at the front
- Mounting diameter 16.2 mm
- Separate switching elements UNIVERSAL required
- Switching elements with silver contacts (max. 250 V / 6 A) or gold contacts (max. 35 V / 0.25 A)
- Connection types switching elements: screw connection, plug-in connection, PCB plug-in socket
- The switching elements are snapped on and can be removed again by turning.



description

RAFIX control devices are modular units consisting of several parts. In the RAFIX 16 family, they always consist of an actuating element and a switching element, or of an indicator lamp and a lamp socket. Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility, reset and function only when assembled with the appropriate switching elements. For illuminated actuators, please use switching elements with lamp socket.

The mounting diameter is 16.2 mm according to the standard. The anti-rotation lug can be easily removed with a screwdriver if necessary.

technical data

➤ general

Color of mushroom	red
Collar shape	round
Operating temperature, min.	-25 °C

Storage temperature, min.	-40 °C
Operating temperature, max.	70 °C
Storage temperature, max.	85 °C
illuminated	No
Packaging	Box
Packaging unit	2 pcs.
net weight	16.4 g
Operating life	30,000 cycles
B10	39,000 cycles
B10d	78,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP65
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78
MOQ order	2 pcs.
RoHS compliant	Yes
REACH compliant	Yes

> mounting diameters

Mounting hole	16.2 mm
Mounting depth	44.7 mm
Outside dimension, length	40.3 mm
Outside dimension, width	40.3 mm
Outside dimension, height	48.67 mm
Collar dimension	ø 40,3 mm

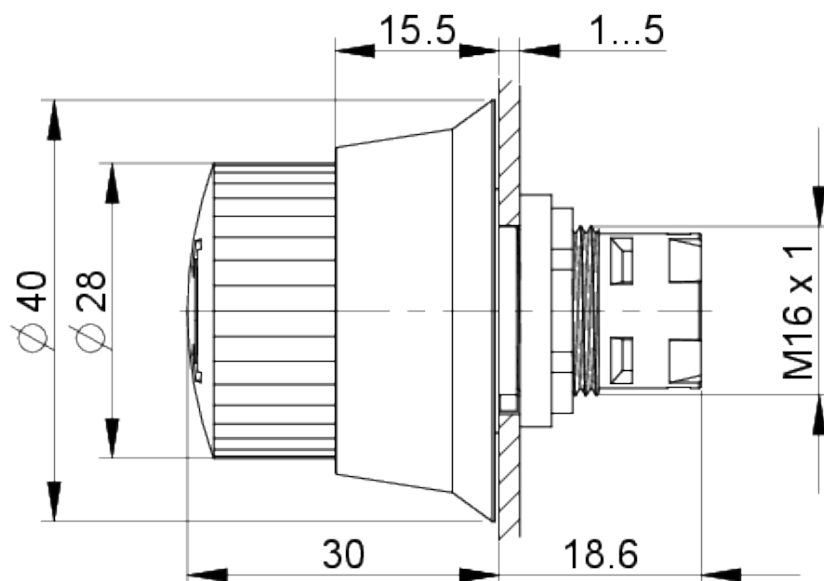
> mechanical data

Actuation function	latching
Resetting	by rotating
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

direct links**>** [RAFI eCatalog](#)

drawings

Dimensioned drawing



Mounting hole drawing

