Datasheet

→ QRBUVOOI_C0232

10/28/2026

Technical data

Emergency stop with anti-jamming collar and M12 connector



Type	QRBUVOOI_C0232
Series	QUARTEX® connect
Rubric	Emergency-stop
Approvals	CE, UKCA

→ General data

Design	Round
Operating temperature	-30 °C ... 70 °C
Panel cut-out	Ø 22.3 mm
Mounting plate thickness	1 mm ... 5 mm
Mounting depth	28.5 mm
Color actuator	Red
Enclosure colour	Yellow
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Standards	EN 60068-2-1/-2-2/-2-30 EN 60947-5-1 EN 60947-5-5 EN ISO 13850
Degree of protection front	IP65
Degree of protection rear	IP65 with connected M12

Safety instructions / installation instructions

- Not suitable for use under water
- Observe operating instructions!

➔ Electrical data

Conditional short circuit current	1000 A
Rated operating voltage IEC/EN 60947-5-1	30 V AC 30 V DC
Rated operating current IEC/EN 60947-5-1	0.5 A AC 0.5 A DC
Rated insulation voltage IEC/EN 60947-5-1	250 V AC 250 V DC
Rated impulse withstand voltage	2.5 kV contact block
Contact resistance	< 50 mΩ NC new state < 50 mΩ NO new state
Electrical lifetime	50,000 switching cycles
Utilisation category IEC/EN 60947-5-1	AC-15 DC-13
Contact type	2NC 1NO
Short circuit protection SCPD	Safety fuse 0.5 A gG
Bouncing time	< 10 ms NC < 10 ms NO
Switching capacity	30 V AC/DC 0.5 A AC/DC
Thermal continuous current IEC/EN 60947-5-1	0.5 A AC 0.5 A DC
Overvoltage category	II
Pollution degree	2

Safety Instructions / Installation Instructions

- The connector must not be plugged in or disconnected while under load
- The individual connector pin may be loaded with a maximum of 0.5 A

Pin assignment

Pin	Contact
1	NC (21)
2	NC (22)
3	NO (14)
4	NC (12)
5	n. c.
6	NC (11)
7	NO (13)
8	n. c.

Note: Pin 5 and Pin 8 are not assigned in the connector.

→ Mechanical data

Connection	M12 connector 8-polig A coded
Operating force	Abt. 30 N ... 40 N at 20 mm/min
Anti-lock collar	Yes
Tightening torque connection	max. 0.4 Nm
Tightening torque fixing nut	1 Nm ... 1.9 Nm
Mounting position	Any
Release	Twist to release left/right
Mechanical lifetime	50,000 switching cycles
Switching function	Latching function
Switching position indicator	Yes
Foolproof	Yes
Positive opening	Acc. to EN60947-5-1, appendix K

Safety instructions / installation instructions

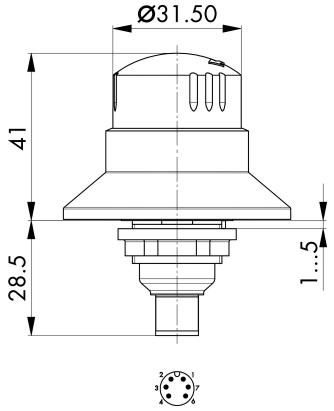
- The M12 connection must not be subjected to mechanical loads, ensure sufficient strain relief!
- Observe the torque specifications for the mounting nut, use mounting wrench S22

➔ Safety data

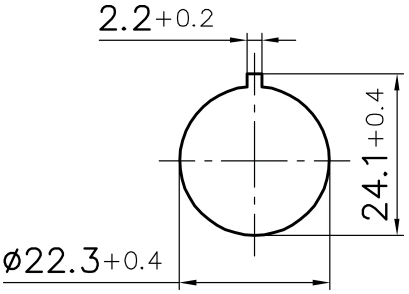
B10d	250,000 5 V / 6 mA
Lifetime	20 % NC

Technical drawings

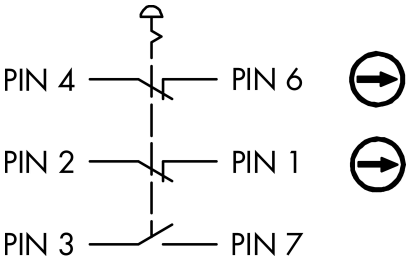
➔ Dimensional drawing



➔ Cutout dimensions



➔ Circuit diagram



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