

Datasheet

→ **QRBUV7000_C0111** 

05/14/2025



Technical data

Emergency stop with blocking protection collar

Type	QRBUV7000_C0111
Series	QUARTEX® connect
Rubric	Emergency-stop
Approvals	CE, UKCA



→ General data

Connection cable	< 30 m
Design	Round
Operating temperature	-30 °C ... 70 °C
Panel cut-out	Ø 22.3 mm
Lens colour	Red
Front bezel colour	Yellow
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Degree of protection front	IP65
Degree of protection rear	IP65 with connected M12

→ General note

Safety instructions / installation instructions:

- Not suitable for use under water
- Use only in dry indoor areas

→ Electrical data

Rated operating voltage IEC/EN 60947-5-1	35 V AC 35 V DC
Rated operating current IEC/EN 60947-5-1	4 A AC 2 A DC
Rated insulation voltage IEC/EN 60947-5-1	50 V AC 50 V DC
Contact resistance	< 50 mΩ NC
Electrical lifetime	50,000 switching cycles
Contact type	2NC
Bouncing time	< 10 ms NC
Overvoltage category	II
Pollution degree	2

→ Electrical note

Pin assignment M12 5-pin:

Pin 1	NC1 (11)
Pin 2	NC2 (22)
Pin 3	n.c.
Pin 4	NC1 (12)
Pin 5	NC2 (21)

Safety instructions / installation instructions:

- The connector must not be connected or disconnected under load
- The individual connector pin may be loaded with max. 4A load

→ Mechanical data

<i>Actuating force</i>	Approx. 30 N ... 40 N at 20 mm/min
<i>Anti-lock collar</i>	Yes
<i>Tightening torque fixing nut</i>	1 Nm ... 1.9 Nm
<i>Mounting position</i>	Any
<i>Release</i>	Twist to release left/right
<i>Mechanical lifetime</i>	50,000 switching cycles
<i>Switching function</i>	Maintained
<i>Switching position indicator</i>	Yes
<i>Positive opening</i>	Acc. to EN60947-5-1, appendix K

→ Mechanical note

Safety instructions / installation instructions:

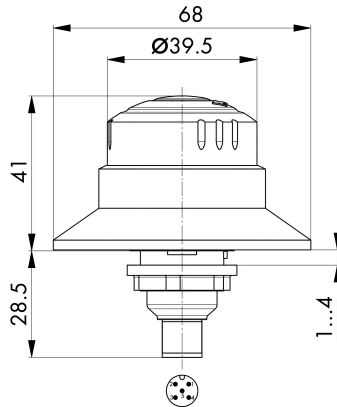
- The M12 connection must not be subjected to mechanical loads, ensure sufficient strain relief!
- Observe the torque specifications for the mounting nut, use mounting wrench S22

→ Safety data

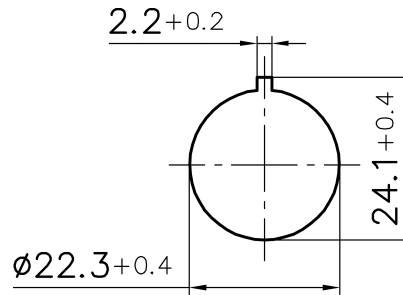
<i>B10d</i>	250,000 5V/6mA
<i>Lifetime</i>	20 % NC

Technical drawings

→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram

