

Datasheet

→ **QRBUV7000_C0111** 

01/16/2025



Technical Data

Emergency stop with blocking protection collar

<i>Series</i>	QUARTEX® connect
<i>Rubric</i>	Emergency stop button
<i>Shape</i>	round



→ General Data

<i>Protection class</i>	IP65
<i>Approvals</i>	CE, UKCA
<i>Operating temperature</i>	-30 ... 70 °C
<i>Storage temperature</i>	-40 ... 80 °C
<i>Mounting position</i>	any
<i>Mounting aperture</i>	Ø 22.3 mm
<i>Front frame color</i>	yellow
<i>Actuator color</i>	red
<i>Connection</i>	M12 plug (integrated), 5-pin A-coded
<i>Contact material</i>	AgNi
<i>Contact type</i>	2 NC

→ Electrical Data

<i>Utilization category</i>	AC15 DC13
<i>Rated operating voltage IEC/EN 60947-5-1</i>	35 V AC 35 V DC
<i>Rated operational current IEC/EN 60947-5-1</i>	4 A AC 2 A DC
<i>Rated insulation voltage IEC/EN 60947-5-1</i>	50 V AC 50 V DC
<i>Continuous thermal current</i>	2 A AC 2 A DC
<i>Rated impulse voltage</i>	2,5 kV Contact element
<i>Rated impulse withstand voltage</i>	2,5 kV
<i>Electrical life</i>	50,000 Switching cycles
<i>Conditional short-circuit current</i>	1000 A
<i>Contact resistance</i>	NC < 50 mΩ
<i>Bounce time</i>	NC < 10 ms

→ Mechanical Data

<i>Tightening torque (fastening nut)</i>	min. 1 Nm max. 1.9 Nm
<i>Mechanical life</i>	50,000 Switching cycles
<i>Switching function</i>	Maintained
<i>Unlocking</i>	Rotary release left/right

→ Note

Pin assignment M12 4-pin:

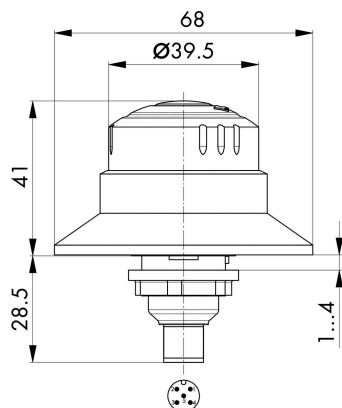
Pin1 Pin2 Pin3 Pin4
NC1 (11) NC1 (12) NC2 (21) NC2 (22)

Safety instructions / installation instructions:

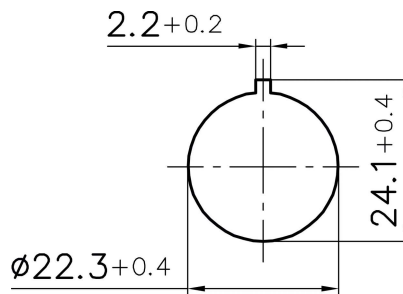
- the plug connector must not be connected or disconnected under load
- the individual plug pin may be loaded with max. 4A
- Not suitable for use under water
- The M12 connection must not be mechanically loaded, ensure sufficient strain relief!
- Use only in dry indoor areas
- Observe the torque specifications for the mounting nut, use mounting wrench S22

Technical Drawings

→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram

