

QRBLUVOOI\_C1190

20.07.2022

**Illuminated emergency-stop**



**General Data**

Type reference	preliminary_QRBLUVOOI_C1190
Description	Emergency-stop, foolproof with integrated M12 connector
Approvals	CE
Contact type	2 NC + 1 NO (LED)
Degree of protection	IP65 (in the front); IP54 (on the rear with plugged-in M12 connector)
Connection type	5-pole M12 connector (integrated), A codd
Contact material	AgNi
Max. operating temperature	-30°C ... 70°C
Mechanical life	50,000 switching cycles
Electrical life (rated load)	50,000 switching cycles
Contact resistance NC	< 50 mOhm
Bouncing time NC	< 10ms
Positive opening contact	acc. to EN60947-5-1, appendix K

**Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)**

	alternate current	direct current
Utilisation category	AC15	DC13
Rated insulation voltage Ui	50 V	50 V
Rated operating voltage Ue	35 V	35 V
Rated operating current Ie	2 A	2 A
Breaking capacity	-	-
Continuous thermal current	2 A	2 A

**Additional data**

Mounting aperture	22.3 mm
Tightening torque (mounting nut)	1.0 ... 1.9 Nm
Tightening torque (M12-connector)	max. 0.4 Nm
Mounting position	any



Connecting cable	< 30m
Illumination	24V DC +/- 10%, max. 50mA (bei 24V DC)
Ld	20% (NC)
B10d [cycles]	250,000 (5 V / 6 mA)
Overvoltage category	II
Pollution degree	2
Operating force	approx. 30...40N (at 20mm/min)
Release	twist release, left or right

### Note

O = NC contact; I = NO contact  
 - with switching position indicator  
 - illuminated in actuated state

Pin assignment 5-pole M12:

Pin1 Pin2 Pin3 Pin4 Pin5  
 COM: NC1 (1 1), NO1 (LED+) NC2 (2 2) LED- NC1 (1 2) NC2 (2 1)

Safety instructions / mounting instructions

- the connector must not be connected or disconnected under load
- the single connector pin may be loaded with max. 2 A
- not suitable for use under water
- when used outdoors, the M12 connections must be protected against corrosion separately
- there may not be any mechanical load on the M12 connector, ensure that there is sufficient strain relief!
- the tightening torque information for the fixing nut to be observed, use the mounting tool S22
- for indoor application

- - - subject to alterations - - -

