

SIL_QRBDUVOOM125

05.04.2018

General Data

Type reference:	SIL_QRBDUVOOM125
Description:	Emergency-stop Head, active/inactive (with LED monitoring)
Approvals:	CE
Contact type:	2NC
Protection class:	III
Degree of protection:	IP65
Connection type:	M12 connector, 5 poles, A-coded AIDA pin 1-4:NC 1; pin 5-2:NC 2; pin 3: GND / OV Ub
Contact material:	AgNi
Max. storage temperature:	-25 °C ... 75 °C
Max. operating temperature:	-25°C ... 55°C
Mechanical life:	> 6,050
Electrical life (rated load):	> 6,050
Bouncing time NC:	< 10 ms
Positive opening contact:	acc. to EN60947-5-1, appendix K

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

	direct current
Utilisation category	DC13
Rated insulation voltage Ui	50 V
Rated operating voltage Ue	24 V DC (-20% / +15%)
Rated operating current Ie	0.3 A
Continuous thermal current	0,3 A

Additional Data

Mounting aperture:	22.3mm
Release:	twist release, left or right
Mounting position:	any
Standards:	EN 60204-1, EN ISO 13849-1, EN ISO 13850, EN 60947-5-5
Overvoltage category:	II
Fuse:	contact safety, fast-acting fuse <= 1 A
Power consumption:	2.1 W

Reliability Data

B10d:	100.000
PL (EN 13849-1):	Visibility of the red lighting: d; cat: 2; PFHD [1/h]: 3.00E-07; TM [year]: 2

Note

This data sheet contains only an excerpt of the technical data and does not replace the operating and installation instructions. The manual is available online, please refer to: <http://www.schlegel.biz/web/de/manuals.php>

In its active state, the SIL_QRBDUVOOM125 emergency-stop device is illuminated (red lighting of the actuator) and thus fulfills the requirements of EN ISO 13850.
When inactive, the SIL_QRBDUVOOM125 E-stop device is not illuminated and cannot be identified as an emergency stop. The emergency-stop function is deactivated.

The integrated diagnostic unit permanently monitors the status of the lighting.
If the lighting fails, the emergency stop signal is triggered immediately.

- With anti-lock collar
- Configurable, integrated flashing function of the yellow protective collar after pressing the emergency stop button
- Must be connected to an evaluation unit (see manual)
- For indoor use only, protect from direct sunlight

Sketches:



