

Active Illuminated Emergency-Stop with diagnostic unit SIL_QRBDUVOOM125

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)

Utilisation category
Rated insulation voltage Ui
Rated operating voltage Ue
Rated operating current Ie
Continuous thermal current

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

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:

Illustration:



Dimensional drawing:



