



## Emergency stop button

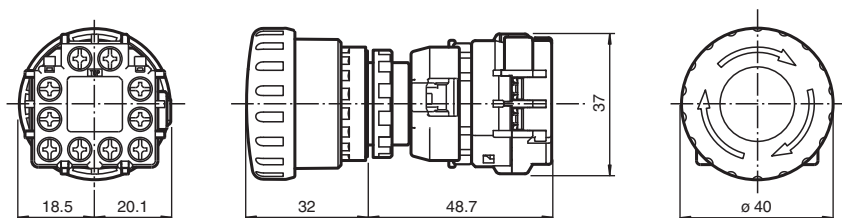
### VAZ-2E1A-PM-S

- 2-channel, compelled connected
- Overload-protected in accordance with IEC 60947-5-5
- Integrated illumination in the actuator
- TÜV-approval for system components is available
- Biased actuator for self-monitoring
- EMERGENCY STOP unlocking by turning or pulling

Illuminated emergency stop button, 2-channel, force-guided



## Dimensions



## Technical Data

### General specifications

UL File Number	E198304
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### Functional safety related parameters

MTTF <sub>d</sub>	284 a
B <sub>10d</sub>	2 E+5

### Electrical specifications

Rated operating voltage	U <sub>e</sub>	24 V AC/DC
Rated operating current	I <sub>e</sub>	5 A
Surge protection		Category II
Insulation resistance		min. 100 M $\Omega$
Bulb		15 mA

### Input

Number/Type	2 NC Safety function by positive opening in accordance with IEC/EN 60947-5-1 Reset by pulling
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### Output

Number/Type	LED red
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### Directive conformity

Electromagnetic compatibility	
Directive 2014/30/EU	IEC 60947-5-5

### Standard conformity

Degree of protection	IEC 60529
Electrical safety	EN/IEC 60947-5-5
Functional safety	IEC 60947-5-1 IEC 60947-5-5

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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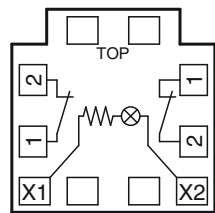
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 **PEPPERL+FUCHS**

Technical Data

Ambient conditions		
Ambient temperature		-25 ... 55 °C (-13 ... 131 °F) (no freezing)
Storage temperature		-40 ... 80 °C (-40 ... 176 °F)
Relative humidity		45 ... 85 % , noncondensing
Pollution degree		3
Mechanical specifications		
Operating force		Push: 32 N Pull: 21 N Turn: 0.27 Nm Minimum for positive opening: 80 Nm
Operating distance		for positive opening operation: min. 4 mm maximal: 4.5 mm
Degree of protection		IP65 depends on mounting point
Connection		Cable cross section 0.75 mm² to 1.25 mm² (AWG 18 to 16) , screw terminals
Installation		Installation in 22 mm hole
Mass		72 g
Tightening torque, fastening screws		2 Nm
Tightening torque of clamping screws		0.6 to 1 Nm
Life span		> 250,000 switching operations

Connection Assignment



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