



Emergency stop button

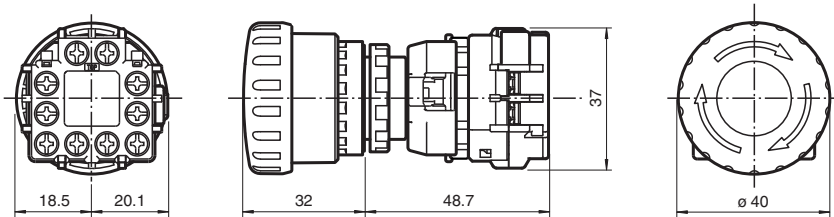
VAZ-2E1A-PM-S

- 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		
Functional safety related parameters			
MTTF _d	284 a		
B _{10d}	2 E+5		
Electrical specifications			
Rated operating voltage	U _e	24 V	
Rated operating current	I _e	5 A	
Surge protection	Category II		
Insulation resistance	min. 100 MΩ		
Bulb	15 mA		
Input			
Number/Type	2 NC Safety function by positive opening in accordance with IEC/EN 60947-5-1 Reset by pulling		
Output			
Number/Type	LED red		

Release date: 2024-02-15 Date of issue: 2024-02-15 Filename: 70146633_eng.pdf

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

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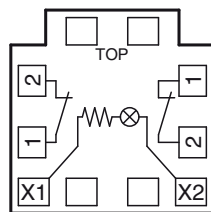
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PEPPERL+FUCHS

Technical Data

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
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 mm ² to 1.25 mm ² (AWG 18 to 16)
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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