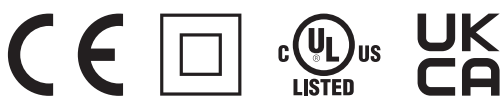


- 4 mm flush
- 3-wire DC



Technical drawing of the LED module showing front and side views with dimensions.

Front View (Left):

- Overall width: 26
- Overall height: 40
- Top left corner: 4 x 4
- LED indicator: 4.5 x 4.5
- Bottom left corner: 3.2 x 5
- Bottom right corner: 4 x 4
- Mounting hole: 3.2

Side View (Right):

- Overall width: 12
- Overall height: 16
- Top section: 10
- Bottom section: 6
- Mounting holes: M3

General specifications

Switching function		Normally closed (NC)
Output type		PNP
Rated operating distance	s _n	4 mm
Installation		flush
Output polarity		DC
Assured operating distance	s _a	0 ... 3.24 mm
Reduction factor r _{Al}		0.4
Reduction factor r _{Cu}		0.45
Reduction factor r ₃₀₄		0.8
Reduction factor r _{Brass}		0.55
Output type		3-wire
Nominal ratings		
Operating voltage	U _B	10 ... 30 V
Switching frequency	f	0 ... 1400 Hz
Hysteresis	H	typ. 5%
Reverse polarity protection		reverse polarity protected

Release date: 2024-05-28 Date of issue: 2024-06-05 Filename: 194908_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

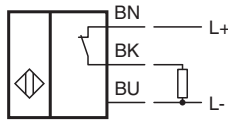
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com



Technical Data

Short-circuit protection		pulsing
Voltage drop	U_d	$\leq 2.5 \text{ V}$
Rated insulation voltage	U_{BIS}	60 V
Operating current	I_L	0 ... 250 mA
Off-state current	I_r	0 ... 0.01 mA typ. 0.1 μA at 25 °C
No-load supply current	I_0	$\leq 15 \text{ mA}$
Switching state indicator		LED, yellow
Functional safety related parameters		
MTTF _d		1640 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
Protection class		II
Rated insulation voltage	U_i	60 V
Rated impulse withstand voltage	U_{imp}	800 V
UL approval		cULus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated $\leq 36 \text{ V}$
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cablc PVC , 6 m
Core cross section		0.5 mm ²
Housing material		PA
Sensing face		PA
Degree of protection		IP67
Tightening torque, fastening screws		Threading M3 max: 1.1 Nm
Dimensions		
Height		40 mm
Width		12 mm
Length		26 mm

Connection Assignment



Release date: 2024-05-28 Date of issue: 2024-06-05 Filename: 194908_eng.pdf