



- 4 mm flush
- 4-wire DC



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

Front View (Left):

- Overall width: 26
- Top left corner: 4 (width), 4 (height)
- LED indicator: 4.5 (width), 4.5 (height)
- Bottom left corner: 3.2 x 5 (hole dimensions)
- Bottom right corner: 3.2 (hole diameter), 4 (width), 4 (height)
- Overall height: 40
- Mounting hole: 6 (diameter)

Side View (Right):

- Overall width: 12
- Top section: 10 (height)
- Bottom section: 16 (height)
- Mounting holes: M3 (diameter)

General specifications

Switching function		complementary
Output type		NPN
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}		0.3
Reduction factor r _{Cu}		0.2
Reduction factor r ₃₀₄		0.7
Reduction factor r _{Brass}		0.55
Output type		4-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

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

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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	$< 0.5 \text{ mA}$
No-load supply current	I_0	$\leq 15 \text{ mA}$
Switching state indicator		LED, yellow
Standard conformity		
Standards		IEC / EN 60947-5-2:2004
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated $\leq 36 \text{ V}$
Ambient conditions		
Ambient temperature		$-25 \dots 70 \text{ }^\circ\text{C}$ ($-13 \dots 158 \text{ }^\circ\text{F}$)
Mechanical specifications		
Connection type		cable
Housing material		PA, green
Sensing face		PA
Degree of protection		IP67
Cable		
Wire end ferrules		yes
Cable diameter		$5.2 \text{ mm} \pm 0.2 \text{ mm}$
Bending radius		$> 10 \times \text{cable diameter}$
Material		PVC
Color		grey
Number of cores		4
Core cross section		0.5 mm^2
Length	L	5 m
Tightening torque, fastening screws		Threading M3 $\leq 1.1 \text{ Nm}$
Dimensions		
Height		40 mm
Width		12 mm
Length		26 mm

Connection

