

- 15 mm flush
- Flexible use with versatile mounting opportunities



Technical drawing of the LED light fixture showing dimensions and components:

- Top mounting hole diameter: M30 x 1.5
- Top mounting hole spacing: 5
- Top mounting hole diameter (inner): 36
- LED (4x)
- Bottom mounting hole diameter: M12 x 1
- Bottom mounting hole spacing: 8
- Overall height: 67.2
- Height from top mounting hole to LED: 56.7
- Height from LED to bottom mounting hole: 48.2

General specifications		
Switching function		Normally open (NO)
Output type		PNP
Rated operating distance	s _n	15 mm
Installation		flush
Output polarity		DC
Assured operating distance	s _a	0 ... 12.15 mm
Actuating element		mild steel, e. g. 1.0037, SR235JR (formerly St37-2) 45 mm x 45 mm x 1 mm
Reduction factor r _{Al}		0.45
Reduction factor r _{Cu}		0.43
Reduction factor r ₃₀₄		0.73
Reduction factor r _{Brass}		0.53
Output type		3-wire
Nominal ratings		
Operating voltage	U _B	10 ... 30 V
Switching frequency	f	0 ... 100 Hz
Hysteresis	H	typ. 5 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing

Release date: 2025-02-21 Date of issue: 2025-02-21 Filename: 326160-0010_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

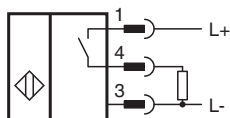
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com



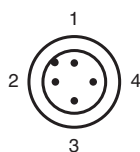
Technical Data

Voltage drop	U_d	$\leq 1\text{ V}$
Operating current	I_L	0 ... 100 mA
Off-state current	I_r	max. 20 μA
No-load supply current	I_0	$\leq 10\text{ mA}$
Time delay before availability	t_v	$\leq 10\text{ ms}$
Switching state indicator		Multihole-LED, yellow
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed, General Purpose, Class 2 Power Source
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		Connector plug
Housing material		brass , white bronze coated
Sensing face		PBT , green
Degree of protection		IP67
Connector		
Threading		M12 x 1
Number of pins		3
Mass		156 g
Dimensions		
Length		67 mm
Diameter		30 mm
Mounting		with nuts, M30
Tightening torque		$\leq 30\text{ Nm}$
General information		
Scope of delivery		Supplied with 2 nuts

Connection



Connection Assignment



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Connection Assignment

Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)