

- 8 mm flush
- 3-wire DC
- Amp connector



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

Top View Dimensions:

- Overall width: 73.6
- Distance from left edge to first LED: 56.5
- Distance between LEDs: 37.8
- Distance from left edge to second LED: 31
- Distance from left edge to mounting hole: 10
- Distance from right edge to mounting hole: 14.5
- Overall height: 25
- Distance from top edge to mounting hole: 15
- Distance from top edge to LED: 16.2

Side View Dimensions:

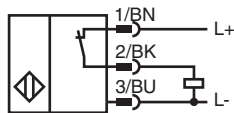
- Overall height: 16
- Distance from top edge to LED: 10.1
- Distance from top edge to mounting hole: 8.5
- Distance from top edge to LED: 12.5
- LED diameter: $\varnothing 4.3$
- Mounting hole diameter: $\varnothing 7.3$

General specifications		
Switching function		Normally closed (NC)
Output type		PNP
Rated operating distance	s _n	8 mm
Installation		flush
Output polarity		DC
Assured operating distance	s _a	0 ... 6.5 mm
Reduction factor r _{Al}		0.3
Reduction factor r _{Cu}		0.2
Reduction factor r ₃₀₄		0.6
Reduction factor r _{Brass}		0.35
Nominal ratings		
Operating voltage	U _B	10 ... 60 V DC
Switching frequency	f	0 ... 250 Hz
Hysteresis	H	typ. 5 %
Reverse polarity protection		reverse polarity protected

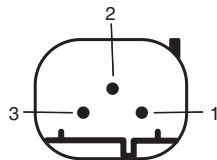
Technical Data

Short-circuit protection		pulsing
Voltage drop	U_d	$\leq 2.5\text{ V}$
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.1 mA
No-load supply current	I_0	$\leq 10\text{ mA}$
Time delay before availability	t_v	$\leq 50\text{ ms}$
Switching state indicator		LED yellow
Functional safety related parameters		
MTTF _d		1937 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Ambient conditions		
Ambient temperature		-35 ... 70 °C (-31 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Connection type		Connector , AMP connector
Housing material		PBT , black
Degree of protection		IP67
Note		Tightening torque: 5 Nm

Connection



Connection Assignment



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