

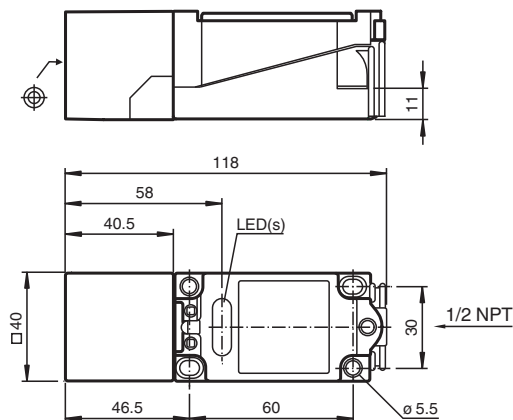


Capacitive sensor CJ15+U4+A2

- 15 mm flush
- 4-wire DC
- The switching distance can be set over a wide range with the potentiometer



Dimensions



Technical Data

General specifications			
Switching function			complementary
Output type			PNP
Rated operating distance	s_n		15 mm
Installation			flush
Output polarity			DC
Assured operating distance	s_a		0 ... 10.8 mm
Output type			4-wire
Nominal ratings			
Installation conditions			
B			15 mm
C			30 mm
F			80 mm
Operating voltage	U_B		10 ... 30 V DC
Switching frequency	f		0 ... 10 Hz
Reverse polarity protection			reverse polarity protected

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

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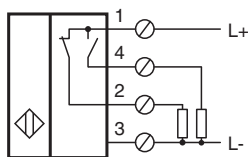
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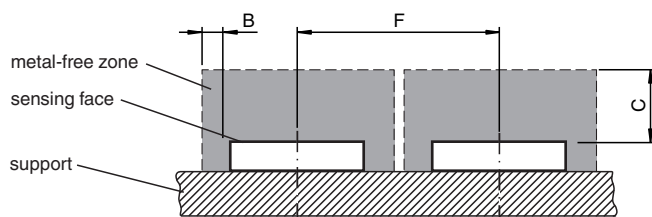
Technical Data

Short-circuit protection		pulsing
Voltage drop	U_d	$\leq 3 \text{ V}$
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	$\leq 20 \text{ mA}$
Operating voltage indicator		LED, green
Switching state indicator		LED, yellow
Functional safety related parameters		
MTTF _d		750 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus 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		screw terminals
Information for connection		A maximum of two conductors with the same core cross section may be mounted on one terminal connection! tightening torque 1.2 Nm + 10 %
Core cross-section		up to 2.5 mm ²
Minimum core cross-section		without wire end ferrule 0.5 mm ² , with connector sleeves 0.34 mm ²
Maximum core cross-section		without wire end ferrule 2.5 mm ² , with connector sleeves 1.5 mm ²
Housing material		PBT
Sensing face		PBT
Housing base		metal
Degree of protection		IP65

Connection



Installation



Accessories

	MHW 01	Modular mounting bracket
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