

Features

- 50 mm flush
- 3-wire DC
- Weld Immune
- Optimum use at a distance >50 cm

Accessories

V1-G Female connector, M12, 4-pin, field attachable V1-W Female connector, M12, 4-pin, field attachable V1-G-2M-PUR Female cordset, M12, 4-pin, PUR cable V1-W-2M-PUR Female cordset, M12, 4-pin, PUR cable

Technical Data	
General specifications	_
Switching element function	
Rated operating distance	s _n
Installation	
Output polarity	
Assured operating distance	sa
Reduction factor r _{AI}	
Reduction factor r _{Cu}	
Reduction factor r ₃₀₄	
Nominal ratings	
Operating voltage	UB
Switching frequency	f
Hysteresis	н
Reverse polarity protection	
Short-circuit protection	
Voltage drop	Ud
Operating current	ΙL
Off-state current	l _r
No-load supply current	I ₀
Time delay before availability	t _v
Tuning-out	
Operating voltage indicator	
Switching state indicator	
Functional safety related parameter	ers
MTTF _d	
Mission Time (T _M)	
Diagnostic Coverage (DC)	
Ambient conditions	
Ambient temperature	
Mechanical specifications	
Connection type	
Housing material	
Sensing face	
Housing base	
Degree of protection	

Compliance with standards and directives

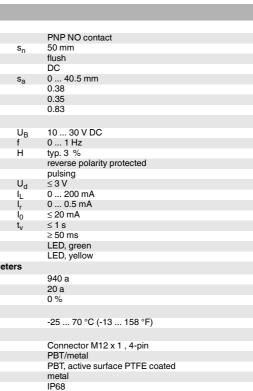
Standard conformity

Standards

Approvals and certificates

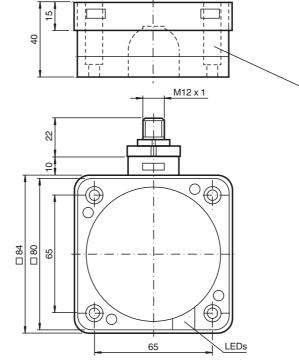
UL approval CSA approval

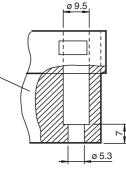
Dimensions



EN 60947-5-2:2007 IEC 60947-5-2:2007

cULus Listed, General Purpose cCSAus Listed, General Purpose





PEPPERL+FUCHS

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

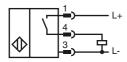
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Electrical Connection



Pinout



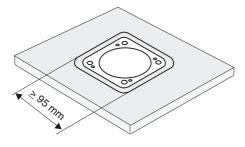
Wire colors in accordance with EN 60947-5-2

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

Installation Hint

These sensors are especially designed for embeddable mounting in conveyor floors. Due to its precise location in metal base plates the sensor is afforded a high degree of mechanical protection. No clearance is required between the sensor and the base plate, avoiding the need for protective guarding to prevent possible foot injury.

The large sensing range ensures positive detection, and thus provides consistent control and monitoring of the conveyor.



Warning! Once the metal screening has been removed, the sensor can no longer be embeddable mounted.

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