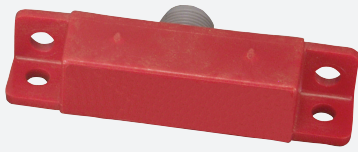


Magnetic field sensor

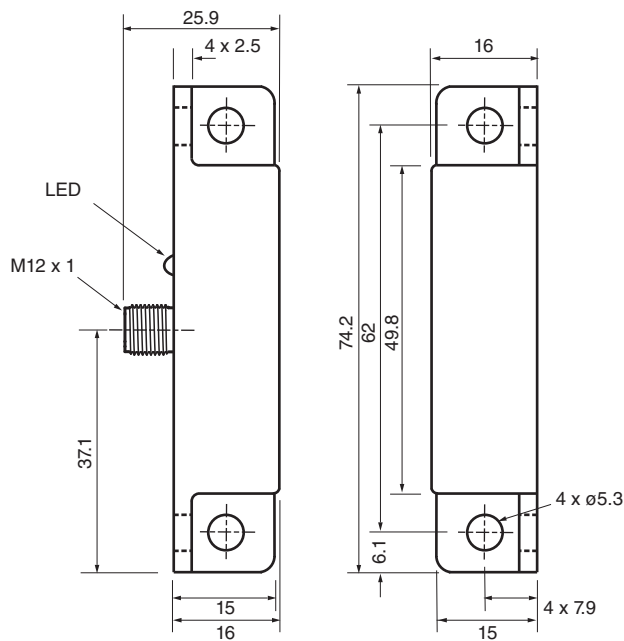
40FY26-33



- Hall Effect Sensor
- Door Interrupt Sensor
- Tamper resistant magnetic actuator



Dimensions



Technical Data

General specifications

Switching function		Normally open (NO)
Output type		PNP
Rated operating distance	s _n	Use either 41FY1 - 6.4 - 15.2 mm or 41FY2 - 7.6 - 19 mm
Installation		non-flush
Output polarity		DC
Output type		3-wire

Nominal ratings

Operating voltage	U _B	10 ... 30 V DC
Hysteresis	H	5 ... 25 %
Short-circuit protection		yes

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

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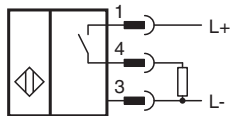
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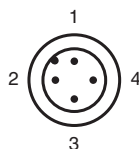
Technical Data

Voltage drop	U_d	$\leq 2.5 \text{ V DC}$
Repeat accuracy		$\pm 3 \%$
Operating current	I_L	$\leq 200 \text{ mA}$
Off-state current	I_r	$\leq 30 \text{ mA}$
No-load supply current	I_0	$\leq 40 \text{ mA}$
Indicators/operating means		
LED indication		switching state
Electrical specifications		
Electrical rating		10 - 30 V DC
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed, General Purpose
Ambient conditions		
Ambient temperature		$-30 \dots 85 \text{ }^\circ\text{C}$ ($-22 \dots 185 \text{ }^\circ\text{F}$)
Mechanical specifications		
Connection type		Connector plug M12 x 1 , 4-pin
Housing material		Polycarbonate
Sensing face		Polycarbonate
Degree of protection		IP67
Dimensions		
Width		16 mm
Depth		16 mm
Length		74.2 mm

Connection



Connection Assignment



Wire colors in accordance with EN 60947-5-2

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