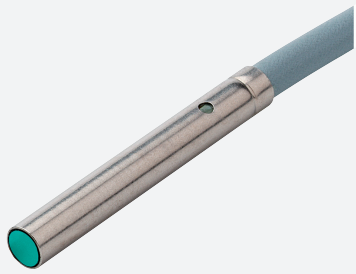


Inductive sensor

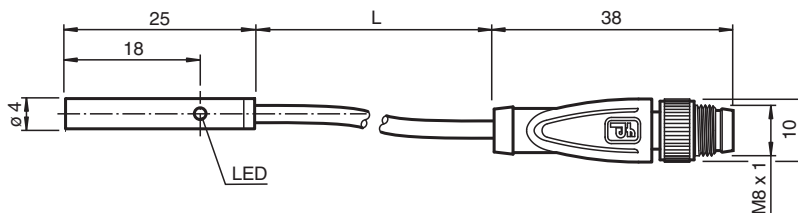
NBB0,8-4S25-E2-0,2M-V3



- 0.8 mm flush
- Stainless steel housing



Dimensions



Technical Data

General specifications

Switching function		Normally open (NO)
Output type		PNP
Rated operating distance	s_n	0.8 mm
Installation		flush
Output polarity		DC
Assured operating distance	s_a	0 ... 0.648 mm
Reduction factor r_{Al}		0.5
Reduction factor r_{Cu}		0.45
Reduction factor r_{304}		0.8
Reduction factor r_{Brass}		0.55

Nominal ratings

Installation conditions		
A		0 mm
B		0 mm
C		2.4 mm

Release date: 2020-03-24 Date of issue: 2020-03-30 Filename: 265892_eng.pdf

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

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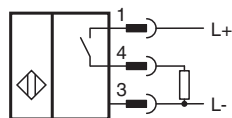
Singapore: +65 6779 9091
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PEPPERL+FUCHS

Technical Data

F		4 mm
Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 5000 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2 V
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.1 mA
No-load supply current	I_0	≤ 10 mA
Switching state indicator		LED, yellow
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
CCC approval		CCC approval / marking not required for products rated ≤ 36 V
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		Cable connector M8 x 1 , 3-pin , cable: PVC , L = 200 mm
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		PA 66
Degree of protection		IP67

Connection



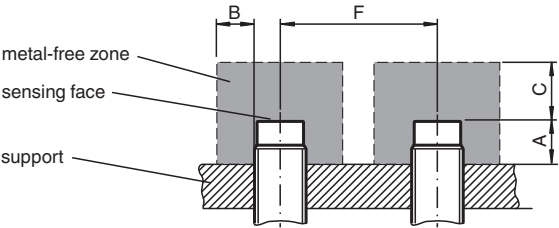
Connection Assignment



Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
3	BU	(blue)
4	BK	(black)

Installation



Accessories

	V3-WM-2M-PUR	Female cordset single-ended, M8, 3-pin, PUR cable
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