

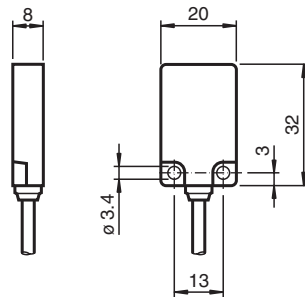


Inductive sensor NMB6-F104M-E2-NFE

- Sensing range 6 mm
- Nonferrous targets
- Stainless steel sensing face
- PNP version



Dimensions



Technical Data

General specifications

Switching function		Normally open (NO)
Output type		PNP
Rated operating distance	s_n	6 mm
Installation		flush
Assured operating distance	s_a	0 ... 4.86 mm
Actuating element		Nonferrous targets
Reduction factor r_{Al}		1
Reduction factor r_{Cu}		1.1
Reduction factor r_{304}		0
Reduction factor r_{S137}		0
Reduction factor r_{Brass}		0.9
Output type		3-wire

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	20 Hz

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

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Technical Data

Hysteresis	H	5 ... 15 typ. 10 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		yes
Voltage drop	U_d	$\leq 2 \text{ V}$
Operating current	I_L	$\leq 100 \text{ mA}$
Current consumption		$\leq 10 \text{ mA}$
Off-state current	I_r	$\leq 10 \mu\text{A}$
Indicators/operating means		
Operation indicator		LED red: output (rear visible)
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
UL approval		cULus 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		cable black PUR , 2 m
Core cross-section		0.34 mm ²
Housing material		Stainless steel 1.4305 / AISI 303
Degree of protection		IP67

Connection

