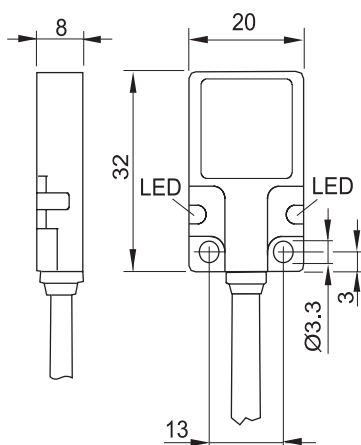


Inductive sensor NBB7-F104M-A2

- 7 mm flush
- 4-wire DC
- Metal housing



Dimensions



Technical Data

General specifications

Switching function		complementary
Output type		PNP
Rated operating distance	s_n	7 mm
Installation		flush
Output polarity		DC
Assured operating distance	s_a	0 ... 5.6 mm
Reduction factor r_{AI}		0.30 - 0.45
Reduction factor r_{Cu}		0.25 - 0.45
Reduction factor r_{304}		0.60 - 1.00
Reduction factor r_{St37}		1
Output type		4-wire

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	150 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing

Release date: 2022-07-13 Date of issue: 2022-07-13 Filename: 909687_eng.pdf

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

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PEPPERL+FUCHS

Technical Data

Voltage drop	U _d	≤ 2.5 V
Operating current	I _L	200 mA
Off-state current	I _r	≤ 80 μA
No-load supply current	I ₀	≤ 15 mA
Switching state indicator	LED	
Compliance with standards and directives		
Standard conformity		
Standards		IEC / EN 60947-5-2:2004
Approvals and certificates		
UL approval		cULus Listed, General Purpose
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 PUR , 2 m	
Core cross section		0.14 mm ²
Housing material	GD-Zn	
Sensing face		PA 12
Degree of protection	IP67	

Connection

