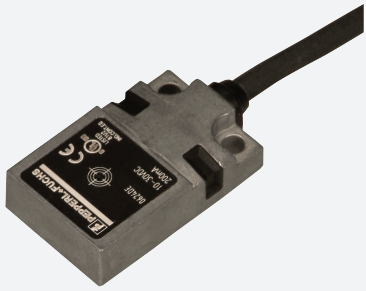


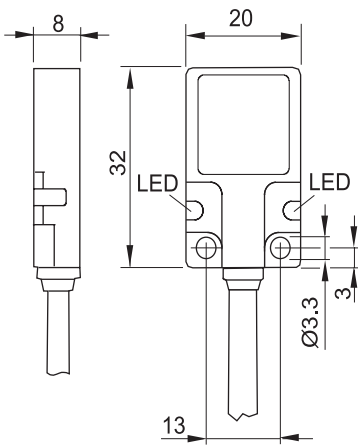
Inductive sensor NBB7-F104M-A2



- 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_{Al}		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".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

Voltage drop	U_d	$\leq 2.5 \text{ V}$
Operating current	I_L	200 mA
Off-state current	I_r	$\leq 80 \mu\text{A}$
No-load supply current	I_0	$\leq 15 \text{ mA}$
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 $\leq 36 \text{ V}$
Ambient conditions		
Ambient temperature		$-25 \dots 70 \text{ }^\circ\text{C}$ ($-13 \dots 158 \text{ }^\circ\text{F}$)
Mechanical specifications		
Connection type		cablc PUR , 2 m
Core cross section		0.14 mm^2
Housing material		GD-Zn
Sensing face		PA 12
Degree of protection		IP67

Connection

