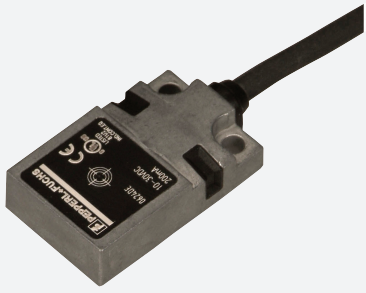


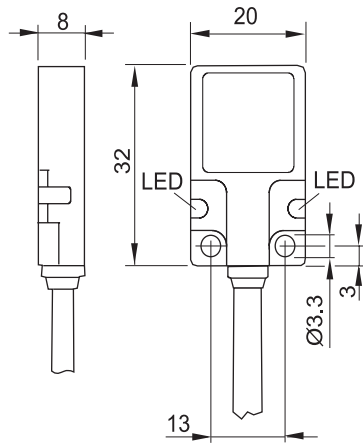
Inductive sensor NBB7-F104M-A2



- 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

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Technical Data

Voltage drop	U_d	≤ 2.5 V
Operating current	I_L	200 mA
Off-state current	I_r	≤ 80 μ A
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
Housing material		GD-Zn
Sensing face		PA 12
Degree of protection		IP67
Cable		
Material		PUR
Color		black
Number of cores		4
Core cross section		0.14 mm ²
Length	L	2 m
Dimensions		
Height		8 mm
Width		20 mm
Length		32 mm

Connection

