



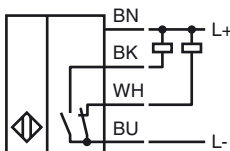
Model Number

NBB7-F104M-A0

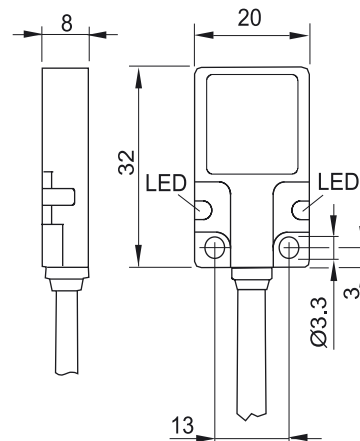
Features

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

Connection



Dimensions



Technical Data

General specifications

Switching element function		NPN	NO/NC
Rated operating distance	s_n	7 mm	
Installation		embeddable	
Output polarity		DC	

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	150 Hz
Reverse polarity protected		reverse polarity protected
Short-circuit protection		pulsing
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
Indication of the switching state		LED

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Connection type	cable PUR , 2 m
Core cross-section	0.14 mm ²
Housing material	GD-Zn
Sensing face	PA 12
Protection degree	IP67

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	Products with a maximum operating voltage of ≤ 36 V do not bear a CCC marking because they do not require approval.