



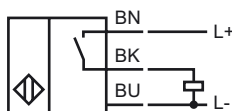
Model Number

NBB5-F104M-E2-C

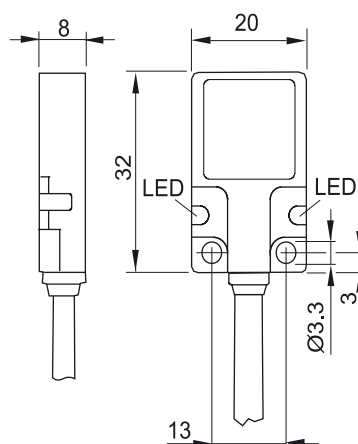
Features

- 5 mm embeddable
- 3-wire DC
- Weld Immune
- Metal housing

Connection



Dimensions



Technical Data

General specifications

Switching element function	PNP	NO
Rated operating distance	s_n	5 mm
Installation	embeddable	
Output polarity	DC	

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	100 Hz
Hysteresis	H	typ. 5%
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, irradiated, 2 m
Core cross-section	0.25 mm ²
Housing material	GD-Zn
Sensing face	PA 12
Protection degree	IP67

Compliance with standards and directives

Standard conformity	IEC / EN 60947-5-2:2004
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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.