



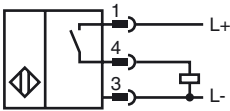
Model Number

NBB2-6,5M30-E2-150MM-V3

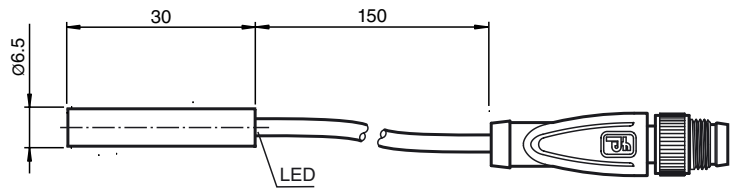
Features

- **Basic series**
- **2 mm embeddable**
- **Pigtail quick disconnect**

Connection



Dimensions



Technical Data

General specifications

Switching element function	PNP	NO
Rated operating distance	s_n	2 mm
Installation	embeddable	
Output polarity	DC	
Reduction factor r_{AI}	0.4	
Reduction factor r_{Cu}	0.4	
Reduction factor r_{V2A}	0.75	

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 3000 Hz
Reverse polarity protected	reverse polarity protected	
Short-circuit protection	pulsing	
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 100 mA
No-load supply current	I_0	≤ 15 mA
Indication of the switching state	LED, yellow	

Ambient conditions

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

Connection type	Cable connector M8 x 1 , 3-pin with PUR cable 150 mm
Core cross-section	0.14 mm ²
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67

Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus 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.