



Model Number

NBB2-V3-US

Features

- Sensing range 2 mm
- 2-wire AC/DC

Technical Data

General specifications

Switching element function		NO contact
Rated operating distance	s_n	2 mm
Installation		flush mountable
Output polarity		AC/DC

Nominal ratings

Operating voltage DC		10 ... 140 V
Operating voltage AC		20 ... 140 V
Switching frequency	f	25 Hz
Reverse polarity protection		no
Short-circuit protection		no
Voltage drop	U_d	≤ 7 V
Operating current	I_L	5 ... 200 mA max
Off-state current	I_r	≤ 0.8 mA
Switching state indication		LED, red

Ambient conditions

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

Connection type		cable PUR
Core cross-section		0.25 mm ²
Housing material		PBT
Sensing face		PBT
Protection degree		IP67

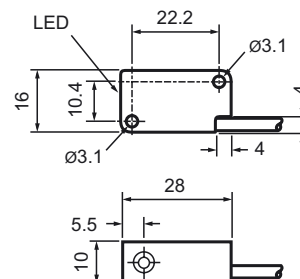
Compliance with standards and directives

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

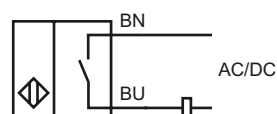
Approvals and certificates

UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose

Dimensions



Electrical Connection



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