



Model Number

NBB2-V3-US

Features

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

Technical Data

General specifications

Switching function	Normally open (NO)
Output type	Two-wire
Rated operating distance	s_n 2 mm
Installation	flush mountable
Output polarity	AC/DC
Reduction factor r_{Al}	0.5
Reduction factor r_{Cu}	0.46
Reduction factor r_{304}	0.9
Reduction factor r_{S37}	1
Reduction factor r_{Brass}	0.8

Nominal ratings

Operating voltage DC	U_B	10 ... 140 V
Operating voltage AC	U_B	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 indicator		LED, red

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	0.25 mm ²
Housing material	PBT
Sensing face	PBT
Degree of protection	IP67

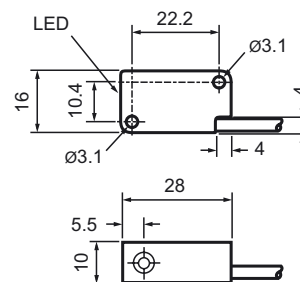
Compliance with standards and directives

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

