







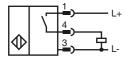
Model Number

NBB2-V3-E2-0,2M-V3

Features

- Basic series
- 2 mm embeddable
- 3-wire DC

Connection



Pinout



Wire colors in accordance with EN 60947-5-2

1	1	BN
1		
3		BU
4		BK

Accessories

V3-WM

Female connector, M8, 3-pin, field attachable

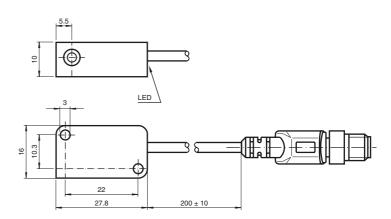
<u>v</u>з-GM

Female connector, M8, 3-pin, field attachable V3-WM-2M-PUR

Cable socket, M8, 3-pin, PUR cable V3-GM-2M-PUR

Cable socket, M8, 3-pin, PUR cable

Dimensions



Technical Data

General	specifications

	PNP	NO
s _n	2 mm	
	embeddal	ole
	DC	
sa	0 1.62 r	nm
	0.35	
	0.2	
	0.7	
		s _n 2 mm embeddal DC s _a 0 1.62 r 0.35 0.2

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Nominal ratings		
Operating voltage	U_B	10 30 V DC
Switching frequency	f	0 1000 Hz
Reverse polarity protected		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	IL.	0 100 mA
Off-state current	l _r	0 0.5 mA typ. 0.1 μA at 25 °C
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)
Ambient temperature	20 10 0 (10 100 1)

Mechanical specifications

Mechanical specifications	
Connection type	Cable connector M8 x 1 , 3-pin with PVC cable 200 mm
Housing material	PBT
Sensing face	PBT
Protection degree	IP67

Protection degree Compliance with standards and directives

Stanc	dard	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.

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