







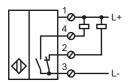
Model Number

NBB20-U4-A0-T

Features

- · 20 mm embeddable
- 4-wire DC
- Temperature range -25 ... 100 °C (-13 ... 212 °F)
- 20 mm embeddable
- 4 LEDs indicator for 360° visibility

Connection



Accessories

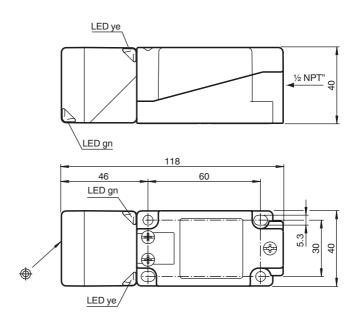
MHW 01

Modular mounting bracket

MH 04-2681F

Mounting aid for VariKont, +U1+ and +U9*

Dimensions



Technical Data

General specifications			
Switching element function		NPN	NO/NC
Rated operating distance	s _n	20 mm	
Installation		embeddable	
Output polarity		DC	
Assured operating distance	s _a	0 16.2	? mm
Reduction factor r _{Al}		0.35	
Reduction factor r _{Cu}		0.3	
Reduction factor reco		0.75	

neduction factor 1303		0.75
Nominal ratings		
Operating voltage	U_B	10 30 V DC
Switching frequency	f	0 300 Hz
Hysteresis	Н	typ. 5 %
Reverse polarity protected		reverse polarity protected

Ambient conditions

Ambient temperature -25 ... 100 °C (-13 ... 212 °F)

Mechanical specifications

Connection type screw terminals

Core cross-section ≤ 2.5 mm²

Housing material PA / LCP

Sensing face PA

Housing base metal

Protection degree IP68 / IP69K

Mass 225 g

Note Tightening torque: 1.8 Nm (housing)

Tightening torque: 1.0 Nm (Screw terminal)

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

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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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