

NBB20-U1-Z2

Features

- Sensor head bidirectional and rotatable
- 20 mm flush
- 2-wire DC
- 2 LEDs indicator for 360° visibility

Accessories

V1-M20-80

Receptacles, M12/M20; plastic version

MHW 01

Modular mounting bracket

MH 04-2681F

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

Technical Data General specifications

Switching frequency f 0 ... 250 Hz
Hysteresis H typ. 5 %
Reverse polarity protection reverse polarity tolerant

Functional safety related parameters

 $\begin{array}{ll} \text{MTTF}_d & \text{1162 a} \\ \text{Mission Time } (\text{T}_M) & \text{20 a} \\ \text{Diagnostic Coverage } (\text{DC}) & \text{0 } \% \\ \\ \text{Ambient conditions} \end{array}$

Ambient temperature -25 ... 85 °C (-13 ... 185 °F)

Mechanical specifications

 $\begin{array}{ll} \text{Connection type} & \text{screw terminals} \\ \text{Core cross-section} & \leq 2.5 \text{ mm}^2 \\ \end{array}$

Housing material PA/metal with epoxy powder coating

Sensing face PA
Housing base plastic
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

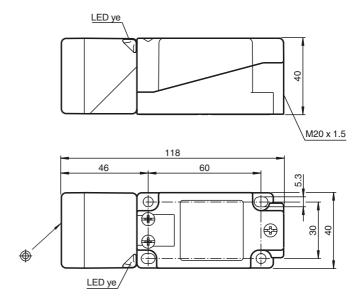
Standards EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

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

CCC approval Certified by China Compulsory Certification (CCC)

Dimensions



Electrical Connection

