



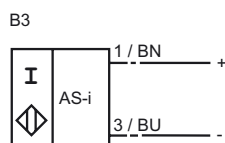
CE

Model Number

NCB10-30GM70-B3-V1

Features

- Comfort series
- 10 mm flush
- NO/NC selectable
- Stability control warning

Connection**Accessories****BF 30**

Mounting flange, 30 mm

EXG-18

Quick mounting bracket with dead stop

V1-W

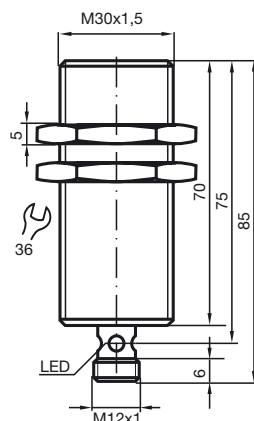
4-pin, M12 female field-attachable connector

V1-W-2M-PUR

Cable socket, M12, 4-pin, PUR cable

V1-G-2M-PUR

Cable socket, M12, 4-pin, PUR cable

Dimensions**Technical Data****General specifications**

Switching element function		NO/NC programmable
Rated operating distance	s_n	10 mm
Installation		flush
Output polarity		AS-Interface
Assured operating distance	s_a	0 ... 8.1 mm
Reduction factor r_{Al}		0.32
Reduction factor r_{Cu}		0.32
Reduction factor r_{304}		0.72
Reduction factor r_{Brass}		0.43

Nominal ratings

Operating voltage	U_B	26.5 ... 31.9 V via AS-i bus system
Switching frequency	f	0 ... 70 Hz
Hysteresis	H	1 ... 10 typ. 5 %
Reverse polarity protected		reverse polarity protected
Short-circuit protection		yes
Current consumption		

Measuring plate not detected	≥ 3 mA
Measuring plate detected	≤ 1 mA

Indication of the switching state: Multihole-LED, yellow

Standard conformity

Standards: IEC / EN 60947-5-2:2004

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Core cross-section	
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67

Programming Instructions

Adresse 00	preset, alterable via Bus-master or programming units
IO-code	1
ID-code	1

Data bit

Bit	Function
D0	Switching state
D1	pre-fault signal (dynamic)
D2	ready for operation
D3	not used

Parameter bit

Bit	Function
P0	not used
P1	Switching element function NO* / NC
P2	not used
P3	not used

* Standard setting