



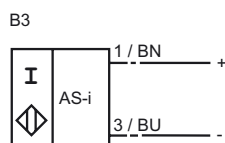
### Model Number

NCN15-30GM70-B3

### Features

- Comfort series
- 15 mm non-flush
- NO/NC selectable
- Prefailure message and indicator

### Connection

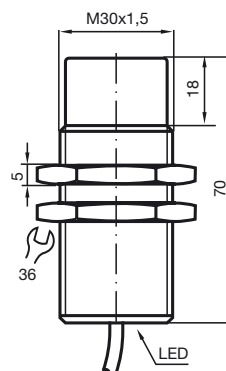


### Accessories

#### BF 30

Mounting flange, 30 mm

### Dimensions



### Technical Data

#### General specifications

Switching element function		NO/NC programmable
Rated operating distance	$s_n$	15 mm
Installation		non-flush
Output polarity		AS-Interface
Assured operating distance	$s_a$	0 ... 12.1 mm
Reduction factor $r_{Al}$		0.38
Reduction factor $r_{Cu}$		0.36
Reduction factor $r_{304}$		0.72
Reduction factor $r_{Brass}$		0.45

#### Nominal ratings

Operating voltage	$U_B$	26.5 ... 31.9 V via AS-i bus system
Switching frequency	$f$	0 ... 50 Hz
Hysteresis	$H$	typ. 5 %
Operating voltage display		LED green
Indication of the switching state		LED yellow
Pre-fault indication		LED red

#### Standard conformity

Standards	IEC / EN 60947-5-2:2004
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#### Ambient conditions

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

#### Mechanical specifications

Core cross-section	0.34 mm <sup>2</sup>
Housing material	Stainless steel
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