



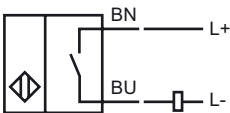
### Model Number

NCN8-18GM60-Z0

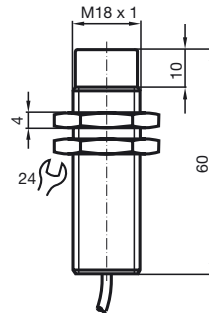
### Features

- Comfort series
- 8 mm not embeddable

### Connection



## Dimensions



## Technical Data

### General specifications

Switching element function	DC	Make function
Rated operating distance	$s_n$	8 mm
Installation	not embeddable	
Output polarity	DC	
Assured operating distance	$s_a$	0 ... 6.48 mm
Reduction factor $r_{AI}$	0.42	
Reduction factor $r_{Cu}$	0.4	
Reduction factor $r_{V2A}$	0.72	

### Nominal ratings

Operating voltage	$U_B$	5 ... 60 V
Switching frequency	$f$	0 ... 500 Hz
Hysteresis	$H$	1 ... 15 typ. 5 %
Reverse polarity protection	tolerant	
Short-circuit protection	pulsing	
Voltage drop	$U_d$	$\leq 5$ V
Operating current	$I_L$	2 ... 100 mA
Off-state current	$I_r$	0 ... 0.9 mA typ. 0.7 mA
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 (248 ... 343 K)
Storage temperature	-40 ... 100 °C (233 ... 373 K)

### Mechanical specifications

Connection type	2 m, PUR cable
Core cross-section	0.34 mm <sup>2</sup>
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67
Note	discontinued model