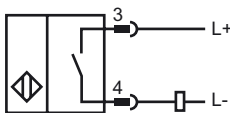
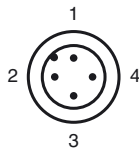


**Model Number**

NCN8-18GM60-Z0-V1

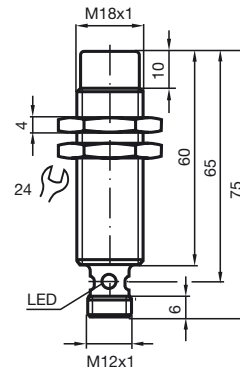
**Features**

- Comfort series
- 8 mm not embeddable

**Connection****Pinout**

Wire colors in accordance with EN 60947-5-2

1	BN
2	WH
3	BU
4	BK

**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 $r_{Al}$		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

**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	V1-connector
Housing material	Stainless steel
Sensing face	PBT
Protection degree	IP67
Note	discontinued model