

CE

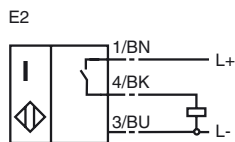
### Model Number

NJ10-30GK-E2-T

### Features

- Temperature range  
-25 ... 100 °C
- 10 mm embeddable

### Connection

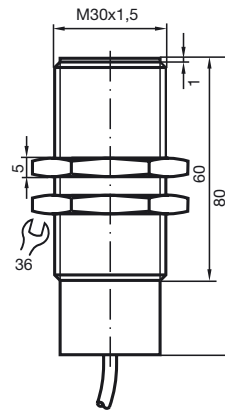


### Accessories

#### BF 30

Mounting flange

## Dimensions



## Technical Data

### General specifications

Switching element function	PNP	Make function
Rated operating distance	$s_n$	10 mm
Installation	embeddable	
Output polarity	DC	
Assured operating distance	$s_a$	0 ... 8.1 mm
Reduction factor $r_{AI}$	0.4	
Reduction factor $r_{Cu}$	0.3	
Reduction factor $r_{V2A}$	0.85	

### Nominal ratings

Operating voltage	$U_B$	10 ... 30 V
Switching frequency	$f$	0 ... 300 Hz
Hysteresis	$H$	0 ... 10 typ. %
Reverse polarity protection	protected against reverse polarity	
Short-circuit protection	pulsing	
Voltage drop	$U_d$	$\leq 3$ V
Operating current	$I_L$	0 ... 200 mA
No-load supply current	$I_0$	$\leq 20$ mA

### Standard conformity

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

### Ambient conditions

Ambient temperature	-25 ... 100 °C (248 ... 373 K)
---------------------	--------------------------------

### Mechanical specifications

Connection type	2 m, PUR cable
Core cross-section	0.75 mm <sup>2</sup>
Housing material	PBT
Sensing face	PBT
Protection degree	IP68