

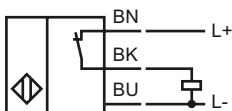
### Model Number

NJ10-30GK-E3-Y911892

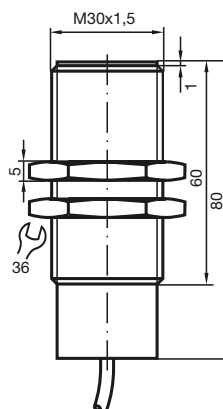
### Features

- Stainless steel nuts
- Extended temperature range

### Connection



## Dimensions



## Technical Data

### General specifications

Switching element function	PNP	NC
Rated operating distance	$s_n$	10 mm
Installation		embeddable
Output polarity		DC
Assured operating distance	$s_a$	0 ... 8.1 mm
Reduction factor $r_{Al}$		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 protected		reverse polarity protected
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
Indication of the switching state		no

### Ambient conditions

Ambient temperature	-40 ... 70 °C (-40 ... 158 °F)
---------------------	--------------------------------

### Mechanical specifications

Connection type	cable silicon , 2 m
Core cross-section	0.75 mm <sup>2</sup>
Housing material	PBT
Sensing face	PBT
Protection degree	IP67
Note	stainless steel nuts included

### Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

### Approvals and certificates

UL approval	cULus Listed, General Purpose
-------------	-------------------------------