



### Model Number

NJ10-36-E-G/EX

### Features

- Special protection class G/Ex
- 10 mm flush
- Comfort series

## Technical Data

### General specifications

Switching element function		NPN	NO
Rated operating distance	$s_n$	10 mm	
Installation		flush	
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 $r_{304}$		0.85	

### Nominal ratings

Operating voltage	$U_B$	18 ... 28 V
Switching frequency	$f$	0 ... 300 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		no
Voltage drop	$U_d$	$\leq 3$ V
Operating current	$I_L$	0 ... 200 mA
No-load supply current	$I_0$	$\leq 25$ mA

### Standard conformity

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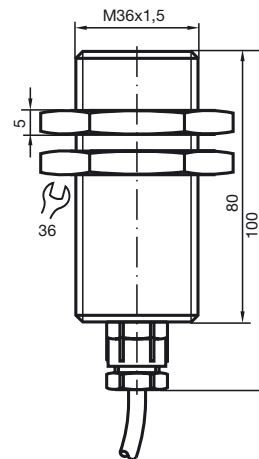
### Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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### Mechanical specifications

Core cross-section	0.75 mm <sup>2</sup>
Housing material	brass, nickel-plated
Sensing face	PBT
Degree of protection	IP67
Note	discontinued model

## Dimensions



## Electrical Connection

