

Inductive sensor

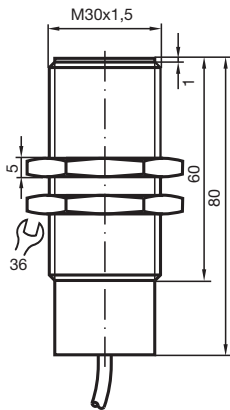
NJ10-30GK-E3-Y911892



- Stainless steel nuts
- Extended temperature range



Dimensions



Technical Data

General specifications

Switching function		Normally closed (NC)
Output type		PNP
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
Output type		3-wire

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 300 Hz

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Hysteresis	H	0 ... 10 typ. %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	≤ 20 mA
Switching state indicator		no
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
Ambient conditions		
Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)
Mechanical specifications		
Connection type		cable silicone , 2 m
Core cross section		0.75 mm ²
Housing material		PBT
Sensing face		PBT
Degree of protection		IP67
Note		stainless steel nuts included

Connection Assignment

