

Link do produktu: <https://automatyka.mjmkielce.pl/czujnik-indukcyjny-nbn40-l2-e2-v1-pnp-no-40mm-p-55183.html>



## CZUJNIK INDUKCYJNY NBN40-L2-E2-V1 PNP NO 40mm

Cena	<b>359,00 zł</b>
Numer katalogowy	<b>02920</b>
Kod EAN	<b>02920</b>
Producent	<b>Pepperl+Fuchs</b>

### Opis produktu

## Inductive sensor NBN40-L2-E2-V1

- Sensor head bidirectional and rotatable
- 40 mm non-flush
- 3-wire DC
- Quick mounting bracket
- 4-way LED indicator

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- [Karta katalogowa](#)
  - [Documents](#)
  - [CAD+CAE](#)
  - [Approvals+Certificates](#)
  - [Produkty powiązane](#)

Please note: All product-related documents, such as certificates, declarations of conformity, etc., which were issued prior to the conversion under the name Pepperl+Fuchs GmbH, also apply to Pepperl+Fuchs AG.

Pobierz pełną kartę katalogową w formie pliku PDF:

ENG

## Dane techniczne NBN40-L2-E2-V1

General specifications	
Switching function	Normally open (NO)
Output type	PNP
Rated operating distance	40 mm
Installation	non-flush
Output polarity	DC
Assured operating distance	0 ... 32.4 mm
Actual operating distance	36 ... 44 mm
Reduction factor $r_{Al}$	0.33
Reduction factor $r_{Cu}$	0.31
Reduction factor $r_{304}$	0.74
Reduction factor $r_{Brass}$	0.38
Output type	3-wire
Nominal ratings	
Operating voltage	10 ... 30 V DC
Switching frequency	0 ... 180 Hz
Hysteresis	typ. 5 %
Reverse polarity protection	reverse polarity protected
Short-circuit protection	pulsing
Voltage drop	$\leq 2$ V

Operating current		0 ... 200 mA
Off-state current		0 ... 0.5 mA
No-load supply current		≤ 20 mA
Time delay before availability		80 ms
Operating voltage indicator		LED, green
Switching state indicator		LED, yellow
Functional safety related parameters		
MTTF <sub>d</sub>		1510 a
Mission Time (T <sub>M</sub> )		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity	Standards	EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
Approvals and certificates		
EAC conformity		TR CU 020/2011
Protection class		II
	Rated insulation voltage	253 V
	Rated impulse withstand voltage	4000 V
UL approval		cULus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-25 ... 85 °C (-13 ... 185 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Connection type		Connector plug M12 x 1 , 4-pin
Housing material		PA
Sensing face		PA
Degree of protection		IP69K
Cable		
	Cable diameter	3.3 mm ± 0.15 mm
Mass		130 g