

Link do produktu: <https://automatyka.mjmkielce.pl/czujnik-indukcyjny-m18-nbb8-18gm50-e2-v1-pnpno8m-p-85811.html>

## CZUJNIK INDUKCYJNY M18 NBB8-18GM50-E2-V1 PNP;NO;8m

Cena	<b>465,00 zł</b>
Numer katalogowy	<b>25283</b>
Kod EAN	<b>25283</b>
Producent	<b>PEPPERL+FUCHS</b>

### Opis produktu

### Dane techniczne NBB8-18GM50-E2-V1

General specifications		
Switching function		Normally open (NO)
Output type		PNP
Rated operating distance		8 mm
Installation		flush
Output polarity		DC
Assured operating distance		0 ... 6.48 mm ( -25 ... 70 °C (-13 ... 158 °F) )
		0 ... 6.08 mm ( -40 ... -25 °C (-40 ... -13 °F) )
Reduction factor $r_{Al}$		0.45
Reduction factor $r_{Cu}$		0.4
Reduction factor $r_{304}$		0.7
Output type		3-wire
Nominal ratings		
Operating voltage		10 ... 30 V
Switching frequency		0 ... 500 Hz
Hysteresis		typ. 5%
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop		$\leq 3$ V
Operating current		0 ... 200 mA
Off-state current		0 ... 0.5 mA typ. 0.1 $\mu$ A at 25 °C
No-load supply current		$\leq 15$ mA
Time delay before availability		$\leq 20$ ms
Switching state indicator		Multihole-LED, yellow
Functional safety related parameters		
MTTF <sub>d</sub>		1190 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		
UL approval		TR CU 020/2011
CSA approval		cULus Listed, General Purpose
CCC approval		cCSAus Listed, General Purpose
		CCC approval / marking not required for products rated $\leq 36$ V
Ambient conditions		
Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)

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Storage temperature  
Mechanical specifications  
Connection type  
Housing material  
Sensing face  
Degree of protection

-40 ... 85 °C (-40 ... 185 °F)

Connector plug M12 x 1 , 4-pin  
brass , white bronze coated  
PBT  
IP67