

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