



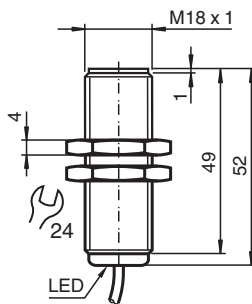
Inductive sensor

NBB5-18GK50-E2-15M

- With increased sealing, protection class IP68 / IP69K



Dimensions



Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		PNP
Rated operating distance	s_n	5 mm
Installation		flush
Output polarity		DC
Assured operating distance	s_a	0 ... 4.05 mm
Reduction factor r_{AI}		0.3
Reduction factor r_{Cu}		0.25
Reduction factor r_{304}		0.7
Reduction factor r_{St37}		1
Output type		3-wire
Nominal ratings		
Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 1000 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

Technical Data

Voltage drop	U_d	$\leq 3\text{ V}$
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.5 mA typ. 0.1 μA at 25 °C
No-load supply current	I_0	$\leq 15\text{ mA}$
Switching state indicator	LED, yellow	
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated $\leq 36\text{ V}$	
Ambient conditions		
Ambient temperature	$-25 \dots 70\text{ }^{\circ}\text{C}$ ($-13 \dots 158\text{ }^{\circ}\text{F}$)	
Mechanical specifications		
Connection type	cable PVC , 15 m	
Core cross section		0.34 mm ²
Housing material	PBT	
Sensing face	PBT	
Degree of protection	IP68 / IP69K	
Dimensions		
Length	50 mm	
Diameter		18 mm
Note	use only delivered nuts	

Connection

