



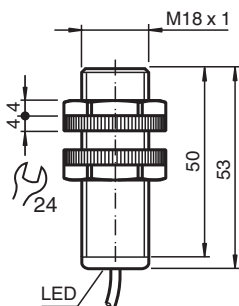
Inductive sensor

NBN8-18GK50-A2-15M

■ 8 mm non-flush



Dimensions



Technical Data

General specifications		
Switching function		complementary
Output type		PNP
Rated operating distance	s_n	8 mm
Installation		non-flush
Output polarity		DC
Assured operating distance	s_a	0 ... 6.48 mm
Reduction factor r_{Al}		0.45
Reduction factor r_{Cu}		0.4
Reduction factor r_{304}		0.7
Output type		4-wire
Nominal ratings		
Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 500 Hz
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing

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

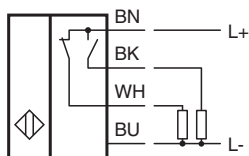
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Technical Data

Voltage drop	U_d	$\leq 3 \text{ V}$
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	$\leq 25 \text{ mA}$
Switching state indicator		LED, yellow
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
CSA approval		cCSAus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated $\leq 36 \text{ V}$
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cablc PVC , 15 m
Core cross-section		4 x 0.34 mm ²
Housing material		PBT
Sensing face		PBT
Degree of protection		IP69K

Connection



Accessories

	BF 18	Mounting flange, 18 mm
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