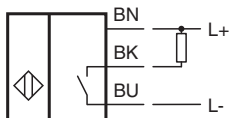




## Technical Data

Short-circuit protection		pulsing
Inductive overvoltage protection		yes
Surge suppression		yes
Voltage drop	$U_d$	$\leq 2$ V
Rated insulation voltage	$U_{BIS}$	60 V
Operating current	$I_L$	0 ... 200 mA
Off-state current	$I_r$	0 ... 0.5 mA typ. 6 $\mu$ A at 25 °C
No-load supply current	$I_0$	$\leq 7$ mA
Time delay before availability	$t_v$	$\leq 220$ ms
Switching state indicator		LED, yellow
<b>Functional safety related parameters</b>		
MTTF <sub>d</sub>		830.5 a
Mission Time (T <sub>M</sub> )		20 a
Diagnostic Coverage (DC)		0 %
<b>Compliance with standards and directives</b>		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
<b>Approvals and certificates</b>		
UL approval		cULus Listed, General Purpose, Class 2 Power Source
CSA approval		cCSAus Listed, General Purpose, Class 2 Power Source
CCC approval		Certified by China Compulsory Certification (CCC)
E1 Type approval		10R-04
<b>Ambient conditions</b>		
Ambient temperature		-40 ... 85 °C (-40 ... 185 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
<b>Mechanical specifications</b>		
Connection type		cablE PUR , 2 m
Core cross section		3 x 0.75 mm <sup>2</sup>
Housing material		PBT
Sensing face		PBT
Degree of protection		IP68 / IP69K
Mass		156 g

## Connection



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

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 PEPPERL+FUCHS


## Technical Features

Interference immunity in accordance with  
 DIN ISO 11452-2: 100 V/m  
 Frequency band 20 MHz up to 2 GHz

Mains-borne interference in accordance with ISO  
 7637-2: Pulse     1   2a   2b   3 a   3b   4   5  
 Severity level     III   III   III   III   III   III   III  
 Failure criterion   C   A   C   A   A   A   B

EN 61000-4-2:     CD: 8 kV /   AD: 15 kV  
                   Severity level     IV                    IV  
 EN 61000-4-3:     30 V/m (80...2500 MHz)  
                   Severity level     IV  
 EN 61000-4-4:     2 kV  
                   Severity level     III  
 EN 61000-4-6:     10 V (0.01...80 MHz)  
                   Severity level     III  
 EN 55011:            Class A

## Accessories

	<p><b>BF 30</b></p>	<p>Mounting flange, 30 mm</p>
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