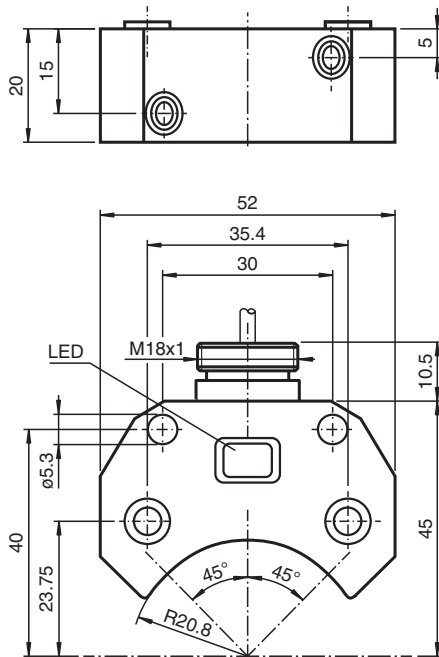


- Direct mounting on standard actuators
- For installation in housing



Dimensions



Technical Data

General specifications

Switching function		2 x normally open (NO)
Output type		PNP
Rated operating distance	S _n	3 mm
Installation		flush mountable
Output polarity		DC
Assured operating distance	S _a	0 ... 2.3 mm
Actual operating distance	S _r	2.6 ... 2.6 mm typ.
Reduction factor r _{AI}		0.5
Reduction factor r ₃₀₄		1
Reduction factor r _{Si37}		1.1
Output type		3-wire

Nominal ratings

Operating voltage	U _B	10 ... 30 V
Switching frequency	f	0 ... 500 Hz
Hysteresis	H	typ. 5 %
Reverse polarity protection		all connections
Short-circuit protection		pulsing

Release date: 2024-05-27 Date of issue: 2024-05-31 Filename: 047291_eng.pdf

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

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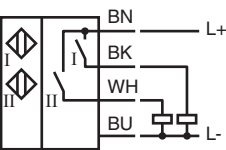
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Technical Data

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	$\leq 25\text{ mA}$
Time delay before availability	t_v	$\leq 500\text{ ms}$
Operating voltage indicator		LED, green
Switching state indicator		LED, yellow
Functional safety related parameters		
MTTF _d		660 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
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 ... 70 °C (-13 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Connection type		cable PVC , 5 m
Core cross section		4 x 0.34 mm ²
Housing material		PBT
Sensing face		PBT
Degree of protection		IP67
Tightening torque, fastening screws		M5 x 25 : 2.7 Nm
Dimensions		
Height		20 mm
Width		52 mm
Length		45 mm
Note		Installation in housing

Connection



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