

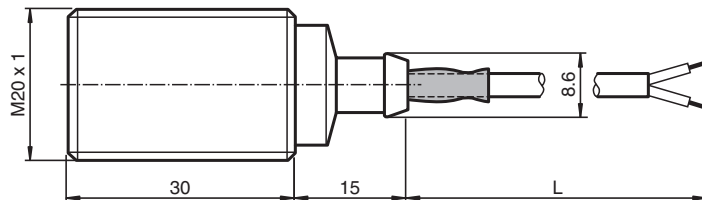
Inductive sensor

921FS5-T-030-Z600

■ Comfort series



Dimensions



Technical Data

General specifications		
Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	s_n	5 mm
Installation		flush
Assured operating distance	s_a	0 ... 4.05 mm
Reduction factor r_{AI}		0.3
Reduction factor r_{Cu}		0.2
Reduction factor r_{304}		0.7
Output type		2-wire
Nominal ratings		
Nominal voltage	U_o	8.2 V (R_i approx. 1 k Ω)
Switching frequency	f	0 ... 500 Hz
Short-circuit protection		yes
Current consumption		
Measuring plate not detected		min. 2.2 mA
Measuring plate detected		≤ 1 mA
Compliance with standards and directives		
Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards		EN IEC 60947-5-2
Approvals and certificates		
CCC approval		CCC approval / marking not required for products rated ≤ 36 V

Release date: 2024-05-28 Date of issue: 2024-06-07 Filename: 451302_eng.pdf

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

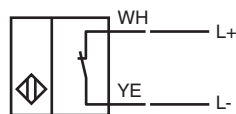
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

Technical Data

Ambient conditions		
Ambient temperature		-20 ... 110 °C (-4 ... 230 °F)
Mechanical specifications		
Connection type		cable
Housing material		Stainless steel
Sensing face		Ceramic
Degree of protection		IP67
Cable		
Wire end ferrules		yes
Cable diameter		4 mm ± 0.2 mm
Bending radius		> 7.5 x cable diameter
Material		FEP
Color		white
Number of cores		2
Core cross section		0.355 mm²
Length	L	3 m
Dimensions		
Height		30 mm
Diameter		20 mm

Connection



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