

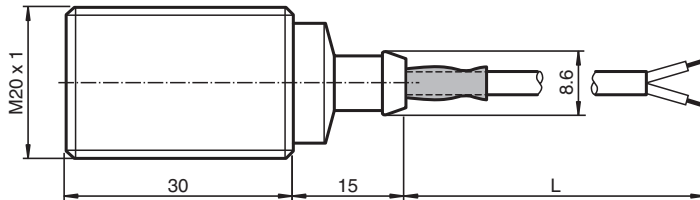
# Inductive sensor

## 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 $r_{Al}$		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 $\Omega$ )
Switching frequency	$f$	0 ... 500 Hz
Short-circuit protection		yes
Current consumption		
Measuring plate not detected		min. 2.2 mA
Measuring plate detected		$\leq 1$ 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 $\leq 36$ V

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## 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 mm <sup>2</sup>
Length	L	3 m
Dimensions		
Height		30 mm
Diameter		20 mm

## Connection

