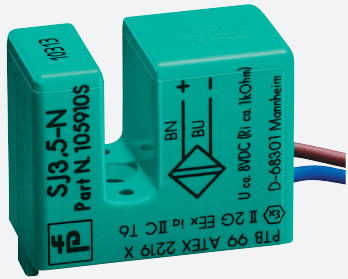


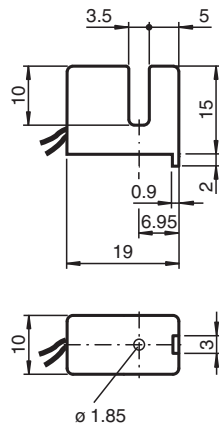
# Inductive slot sensor

## SJ3,5-H-Y17012

■ Comfort series



### Dimensions



### Technical Data

General specifications	
Switching function	Normally closed (NC)
Output type	NAMUR
Slot width	3.5 mm
Depth of immersion (lateral)	5 ... 7 typ. 6 mm
Output type	2-wire
Nominal ratings	
Nominal voltage	$U_o$ 8.2 V ( $R_i$ approx. 1 k $\Omega$ )
Operating voltage	$U_B$ 5 ... 25 V
Switching frequency	$f$ 0 ... 3000 Hz
Hysteresis	$H$ 0.8 ... 1.1 mm
Current consumption	
Measuring plate not detected	$\geq 3$ mA at nominal voltage
Measuring plate detected	$\leq 1$ mA at nominal voltage
Compliance with standards and directives	
Standard conformity	
NAMUR	EN 60947-5-6:2000

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

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 PEPPERL+FUCHS

## Technical Data

Standards	EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012	
<b>Approvals and certificates</b>		
IECEX approval		
Equipment protection level Gb		IECEX PTB 11.0091X
Equipment protection level Da		IECEX PTB 11.0091X
Equipment protection level Mb		IECEX PTB 11.0091X
ATEX approval		
Equipment protection level Gb		PTB 99 ATEX 2219 X
Equipment protection level Da		PTB 99 ATEX 2219 X
UL approval		cULus Listed, General Purpose
<b>Ambient conditions</b>		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
<b>Mechanical specifications</b>		
Connection type		flexible leads
Housing material		PBT
Degree of protection		IP67
Cable		
Material		PTFE
Core cross section		0.14 mm <sup>2</sup>
Length	L	500 mm
<b>General information</b>		
Use in the hazardous area		see instruction manuals

## Connection

