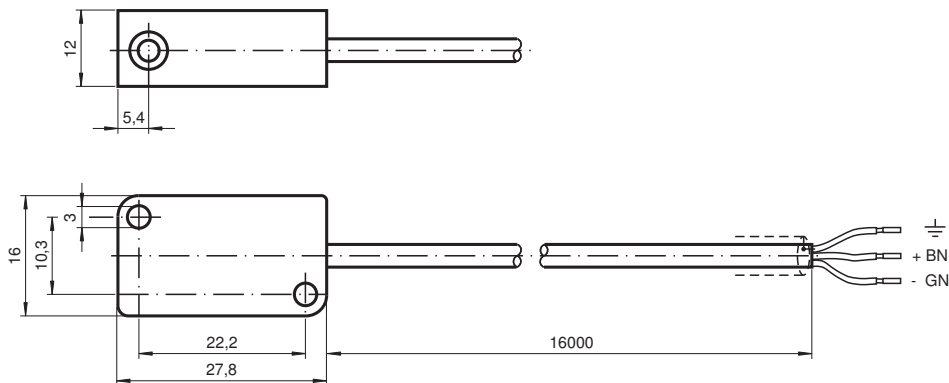


# Inductive sensor

## NJ1,5-V3-N-150-Y181591



### Dimensions



### Technical Data

#### General specifications

Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	$s_n$	1.5 mm
Installation		flush
Assured operating distance	$s_a$	0 ... 1.22 mm
Reduction factor $r_{Al}$		0.25
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 ... 1000 Hz
Current consumption		
Measuring plate not detected		min. 3 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
Electromagnetic compatibility		NE 21:2007

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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>	
ATEX approval	
Equipment protection level Gc (ic)	PF 15CERT3613 X
UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
<b>Ambient conditions</b>	
Ambient temperature	0 ... 150 °C (32 ... 302 °F)
<b>Mechanical specifications</b>	
Connection type	cable FEP , screened , 16 m
Core cross-section	3 x 38 mm <sup>2</sup>
Housing material	Ryton R4
Degree of protection	IP67
Cable	
Bending radius	> 7.5 x cable diameter
<b>General information</b>	
Use in the hazardous area	see instruction manuals

## Connection

N/NO

