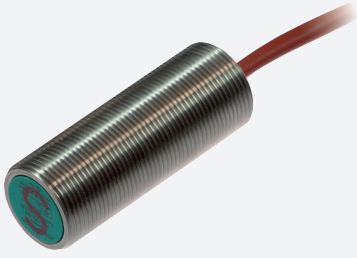


# Inductive sensor

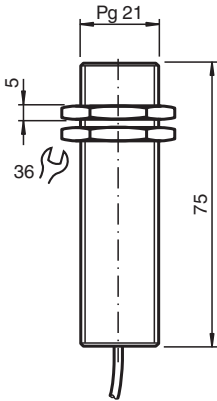
## NJ6-22-SN-G-Y15196



■ 6 mm flush



### Dimensions



### Technical Data

#### General specifications

Switching function		Normally closed (NC)
Output type		NAMUR with safety function
Rated operating distance	$s_n$	6 mm
Installation		flush
Assured operating distance	$s_a$	0 ... 4.86 mm
Reduction factor $r_{Al}$		0.4
Reduction factor $r_{Cu}$		0.3
Reduction factor $r_{304}$		0.85
Output type		2-wire

#### Nominal ratings

Nominal voltage	$U_o$	8 V
Operating voltage	$U_B$	5 ... 25 V
Switching frequency	$f$	0 ... 2000 Hz
Current consumption		
Measuring plate not detected		min. 3 mA
Measuring plate detected		≤ 1 mA

#### Compliance with standards and directives

Standard conformity		
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Release date: 2024-05-27 Date of issue: 2024-05-29 Filename: 015196\_eng.pdf

## Technical Data

NAMUR	EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards	EN IEC 60947-5-2
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 100 °C (-40 ... 212 °F)
<b>Mechanical specifications</b>	
Connection type	cable silicone , 2 m
Core cross section	0.75 mm <sup>2</sup>
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Degree of protection	IP68
<b>Dimensions</b>	
Length	35 mm
Diameter	28.3 mm
Thread size	PG21

## Connection

