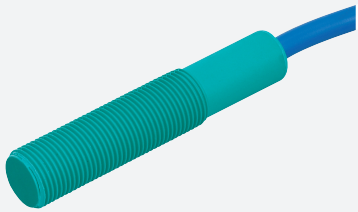


# Capacitive sensor

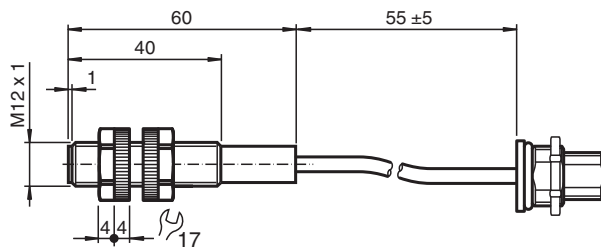
## CJ4-12GK-N-Y235563



- 4 mm non-flush
- Custom cable length
- Customer specific connector



### Dimensions



### Technical Data

#### General specifications

Switching function		Normally open (NO)
Output type		NAMUR
Rated operating distance	$s_n$	4 mm
Installation		non-flush
Assured operating distance	$s_a$	0 ... 2.88 mm
Output type		2-wire

#### Nominal ratings

Installation conditions		
A		20 mm
B		80 mm
C		12 mm
F		70 mm
Nominal voltage	$U_o$	8.2 V ( $R_i$ approx. 1 k $\Omega$ )
Operating voltage	$U_B$	7 ... 12 V
Switching frequency	$f$	0 ... 1 Hz
Current consumption		

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

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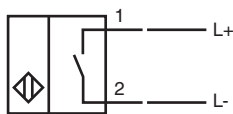
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**PEPPERL+FUCHS**

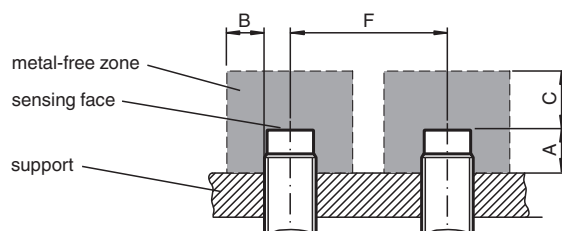
## Technical Data

Measuring plate not detected	≤ 1 mA
Measuring plate detected	≥ 2.4 mA
<b>Compliance with standards and directives</b>	
Standard conformity	
NAMUR	EN 60947-5-6:2000 IEC 60947-5-6:1999
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 Ga	TÜV 03 ATEX 2003 X
Equipment protection level Gb	TÜV 03 ATEX 2003 X
Equipment protection level Da	TÜV 03 ATEX 2003 X
UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
<b>Ambient conditions</b>	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
<b>Mechanical specifications</b>	
Connection type	cablc PVC , 55 mm with Connector, 99-3431-216-04, Binder
Core cross-section	0.34 mm <sup>2</sup>
Housing material	PBT
Sensing face	PBT
Degree of protection	IP68
Cable	
Bending radius	> 10 x cable diameter
<b>General information</b>	
Supplementary information	<b>Note!</b> When making the electrical connection, ensure that the sensor cable is protected against mechanical stress!
Use in the hazardous area	see instruction manuals

## Connection




## Installation



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**Accessories**

	<p><b>BF 12</b></p>	<p>Mounting flange, 12 mm</p>
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