

Capacitive sensor

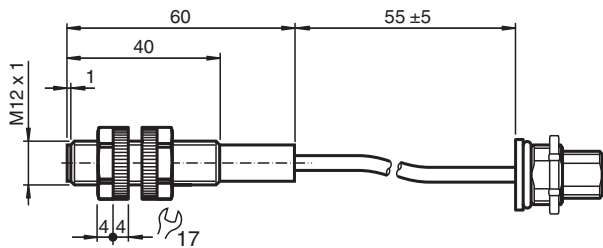
CJ4-12GK-N-Y235563



- 4 mm non-flush
- Customer-specific 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 Ω)
Operating voltage	U_B	7 ... 12 V
Switching frequency	f	0 ... 1 Hz
Current consumption		
Measuring plate not detected		≤ 1 mA
Measuring plate detected		≥ 2.4 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

Release date: 2024-05-28 Date of issue: 2024-06-05 Filename: 70135026_eng.pdf

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

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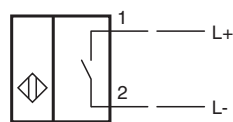
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 **PEPPERL+FUCHS**

Technical Data

Approvals and certificates		
IECEx approval		
Equipment protection level Ga		IECEX TUN 20.0014X
Equipment protection level Gb		IECEX TUN 20.0014X
Equipment protection level Da		IECEX TUN 20.0014X
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
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cablc PVC , 55 mm with Connector, 99-3431-216-04, Binder
Core cross section		0.34 mm²
Housing material		PBT
Sensing face		PBT
Degree of protection		IP68
Cable		
Bending radius		> 10 x cable diameter
Dimensions		
Length		60 mm
Diameter		12 mm
General information		
Supplementary information		Note! 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

