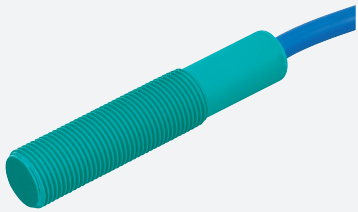


Capacitive sensor

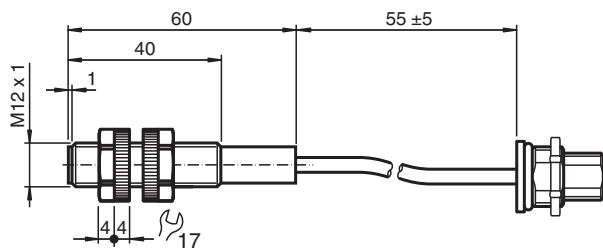
CJ4-12GK-N-Y235563



- 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 Ω)
Operating voltage	U_B	7 ... 12 V
Switching frequency	f	0 ... 1 Hz

Release date: 2020-05-06 Date of issue: 2020-05-06 Filename: 235563_eng.pdf

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

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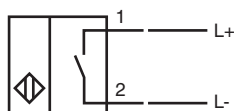
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PEPPERL+FUCHS

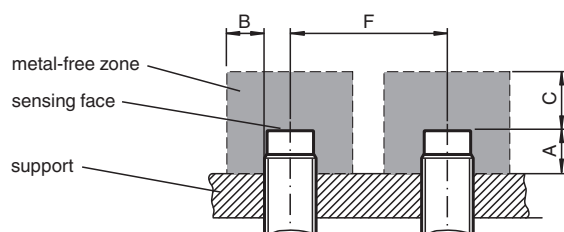
Technical Data

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 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates	
UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated ≤36 V
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications	
Connection type	cable PVC , 55 mm with Connector, 99-3431-216-04, Binder
Core cross-section	0.34 mm ²
Housing material	PBT
Sensing face	PBT
Degree of protection	IP68
Cable	
Bending radius	> 10 x cable diameter
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



Accessories

	BF 12	Mounting flange, 12 mm
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