

Technical Data

*For detailed data and product description refer to the data sheets at **www.pepperl-fuchs.com***

General Data	
Type	Inclination sensor, 1-axis
Measurement range	0 ... 360 °
Absolute accuracy	≤ ± 0.5 °
Resolution	≤ 0.1 °
Operating voltage	10 ... 30 V DC
No-load supply current	≤ 25 mA
Switch output	
Output type	2 switching outputs PNP, NO , reverse polarity and short-circuit protected
Operating current	≤ 100 mA
Analog output	
Output type	1 voltage output 0 ... 5 V
Load resistor	≥ 1 kΩ
Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Housing material	PA
Protection degree	IP68 / IP69K

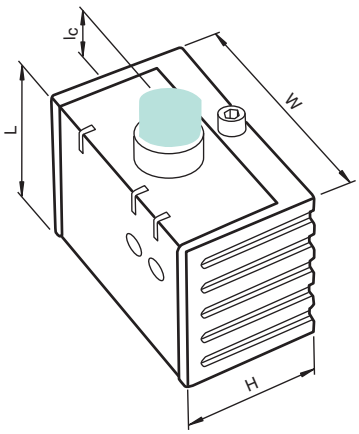
Model Number		INX360D-F99-U2E2-5M	INX360D-F99-U2E2-V15
Connection type	M12 x 1 connector, 5-pin		●
	5 m, PUR cable 5 x 0.5 mm²	●	

Approvals and Certificates			
CSA approval	cCSAus Listed, General Purpose, Class 2 Power Source	●	●
CCC approval	Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.	●	●
e1 Type approval	2006/28/EG	●	●

Dimensions		
Length L [mm]	44	
Width W [mm]	65	
Height H [mm]	37	
Connector area l_c [mm]	22	18.5

Properties

- 1 axis measurement
- 360° measurement range
- Analog and switching outputs
- Cable and connector versions



Accessories

This and more accessories can be found in chapter 10
See pages from 974 ... for cordsets
See pages 1074 ... for mounting aids

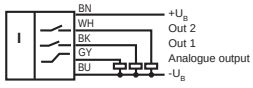
V15-G-2M-PUR	Cable socket, M12, 5-pin, PUR cable
V15-W-2M-PUR	Cable socket, M12, 5-pin, PUR cable

Electrical Connection



INX360D-F99-U2E2-5M

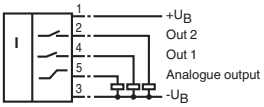
Standard symbol/Connection:

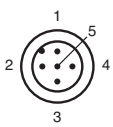




INX360D-F99-U2E2-V15

Standard symbol/Connection:





Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)
5	GY	(gray)

Ausgabedatum 30.07.2012