

Properties

- 1 and 2 axes measurement
- ±2*g* measurement range
- Analog output(s)
- Connector version

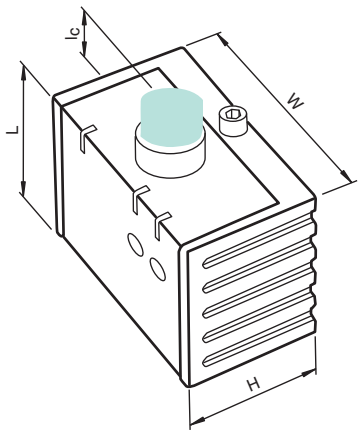
Technical Data

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

General Data	
Measurement range	-2 ... 2 *g*
Resolution	≤ 5 m*g*
Frequency range	0 ... 100 Hz
Operating voltage	10 ... 30 V DC
No-load supply current	≤ 25 mA
Operating display	LED, green
TEACH-IN indication	LED, yellow
Zero signal	12 mA
Slope of output characteristic	4 mA / *g*
Linearity error	± 1.2 %
Analog output	
Load resistor	0 ... 200 Ω at U_B = 10 ... 18 V 0 ... 500 Ω at U_B = 18 ... 30 V
Ambient temperature	-40 ... 85 °C (-40 ... 185 °F)
Housing material	PA
Protection degree	IP68 / IP69K
Connection type	M12 x 1 connector, 5-pin



Model Number		ACX04-F99-I-V15	ACY04-F99-2I-V15
Type	1 axis acceleration sensor	●	
	2 axis acceleration sensor		●
Analog output			
Output type	1 current output 4 ... 20 mA	●	
	2 current outputs 4 ... 20 mA (one output for each axis)		●
Approvals and Certificates			
CSA approval	cCSAus Listed, General Purpose	●	●
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]		18,5	



Accessories

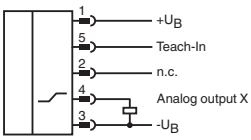
This and more accessories can be found in chapter 10
See pages from 974 ... for cordsets
See pages 1074 ... for mounting aids

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

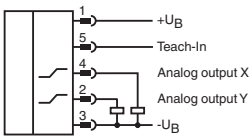
Electrical Connection

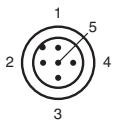


ACX04-F99-I-V15



ACY04-F99-2I-V15





Wire colors in accordance with EN 60947-5-2

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

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Consider the General Notes on the Information in the Pepperl+Fuchs Product Catalogs
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