

Acceleration Sensor Special Application

- Analog output 4mA...20mA
- High shock resistance
- EMC resistance 100 V/m
- Teachable zero point
- Measuring range -2g ... +2g



See pages
1009-1076
for cordsets



See pages
1105-1128 for
accessories

Technical Specifications

		ACX04-F99-1-V15	ACY04-F99-2I-V15
Type	1 axis acceleration sensor	●	
	2 axis acceleration sensor		●
Measurement range	-2 ... 2 g	●	●
Resolution	≤ 5 mg	●	●
Repeat accuracy	≤ ± 5 mg	●	●
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	●	●
Output type	1 current output 4 ... 20 mA	●	
	2 current outputs 4 ... 20 mA (one output for each axis)		●
Zero signal	12 mA	●	●
Slope of output characteristic	4 mA / g	●	●
Linearity error	± 1.2 %	●	●
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)	●	●
Connection type	M12 x 1 connector, 5-pin	●	●
Housing material	PA	●	●
Protection degree	IP68 / IP69K	●	●
Shock and impact resistance	100 g according to DIN EN 60068-2-27	●	●
Standards	EN 60947-5-2:2007	●	●
	IEC 60947-5-2:2007	●	●
CSA approval	cCSAus Listed, General Purpose, Class 2 Power Source	●	●



Subject to modifications without notice

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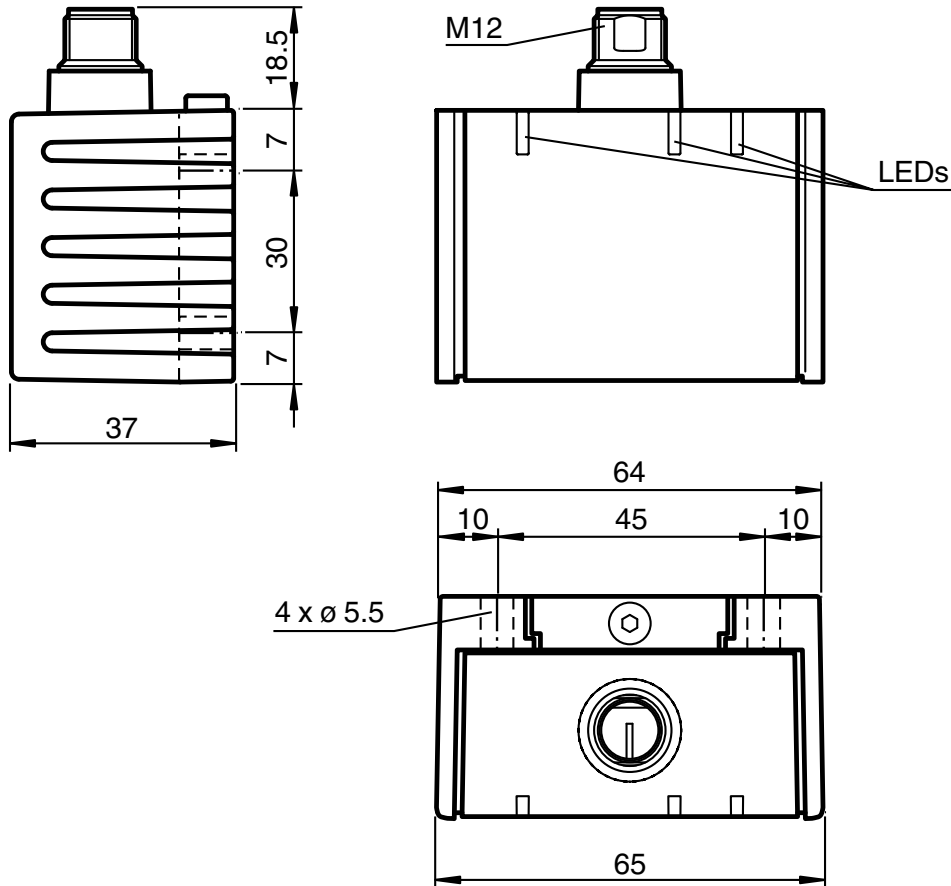
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Dimensions (mm)



Wiring Diagrams

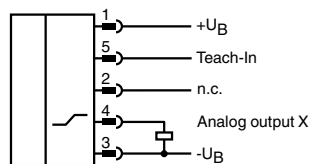


Quick Disconnect

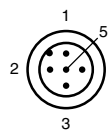
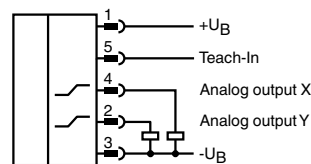
Note: Wiring diagrams show quick disconnect pin numbers.

V15 Type

ACX04-F99-I-V15



ACY04-F99-2I-V15



Wire colors in accordance with EN 60947-5-2

- 1 | BN
- 2 | WH
- 3 | BU
- 4 | BK
- 5 | GY