

-INCLIXY ANA Series

Single or dual axis inclinometer with analog output

Ref : FP 2599

Rev : A



DESCRIPTION

This single or dual axis inclinometer based on MEMS technology allows tilt measurement. It has 1 or 2 analog outputs 0.5... 4.5 V or 4... 20 mA

Monoaxis 0..360 °

Biaxis +/- 10 °, +/- 30 °, +/- 60 °

Accuracy +/- 0.2 °

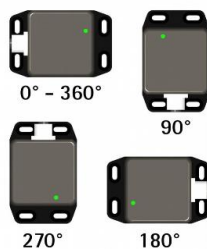
TECHNICAL CHARACTERISTICS

Chocs	300 g, 11 ms acc. to EN60068-2-27
Vibration	8,2-500 Hz, 40 m/s ² acc. to EN60068-2-610-500 Hz, 3 g acc. to EN60068-2-6
Protection	IP67
Operating temperature	-40°C +85°C
Storage temperature	-40°C +85°C
Construction material	Case caste aluminium
Electric output	1m cable or M12 connector
Resolution	0,05% of measured value
Accuracy	typ. ±0,2 deg (max. ±0,5 deg) only up to ±30° for the dial axis
Temperature difference	±0,008 deg/°C
Power supply	7Vdc...30Vdc
Power	30 mA max.
Protection	against reverse polarity
EMC	Acc. to EN 61000-6-2, EN 61000-6

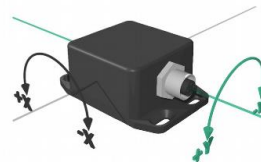
1 axe mounting position



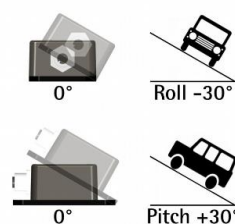
Vertical mounting



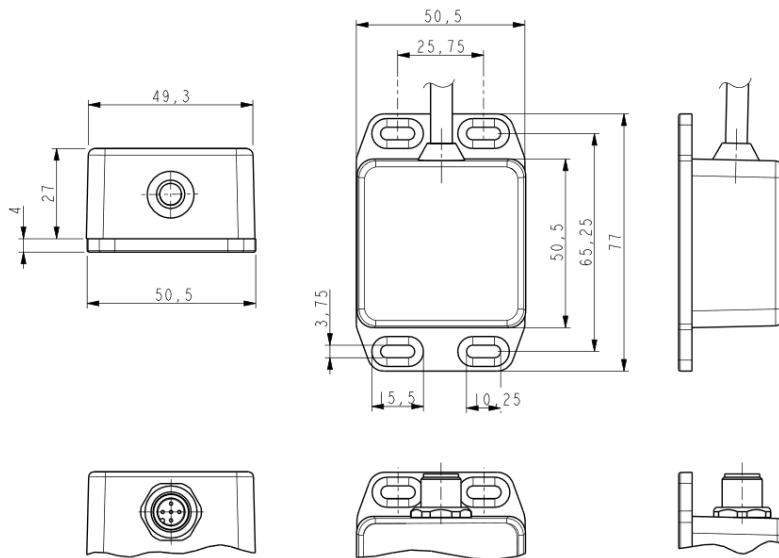
2 axes mounting position



Horizontal mounting

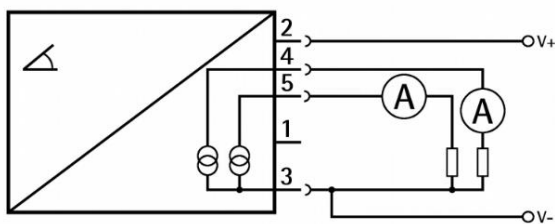
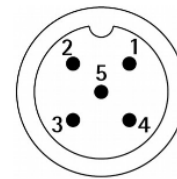


DIMENSIONS

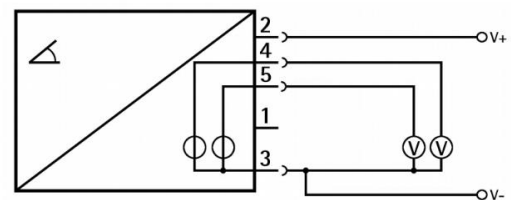


ELECTRICAL CONNECTION

	M12	CABLE
Nc	1	1
Power supply 7...30V	2	2
0V	3	3
Signal axe 1	4	4
Signal axe 2	4	5



Connection to power supply



Connection to voltage supply

CONTACT

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