

- Low Cost
- Range: $\pm 5^\circ \sim \pm 180^\circ$
- 9~30VDC Power
- Repeatability: 0.05°
- Fully Calibrated
- Perfect reliability and stability
- Good ability of anti electromagnetic interference
- Built in power isolation and power polarity protection



The model NA3000 inclinometer combines an integrated MEMS accelerometer with high drive, low impedance buffering for measuring inclination in commercial/industrial environments. On-board regulation is provided to minimize the effects of supply voltage variation. It is relatively insensitive to temperature changes and gradients. The cable's shield is electrically connected to the case while the ground (GND) wire is isolated from the case.

APPLICATION

- Wheel alignment
- Pipeline leveling
- Road bed analysis
- Automotive test
- Satellite dish alignment
- Safety control lifting equipment
- Platform leveling
- Level control machines and structures

SPECIFICATION

	NA321X	NA322X	NA323X	NA324X	NA325X
Range	15°	30°	45°	60°	90°
Repeatability	0.05°				
Nonlinear	1%				
Respond Time	0.3s				
Supply	9~30V (24±2V@4~20mA Output)				
Current	< 20mA@24VDC				
Output	0~5V/4~20mA/RS232/RS485				
Work Temp.	-45~85°C				
Sealing	IP65/67				

*Unless otherwise specified, $V_s=24VDC$, $TC=25^\circ C$

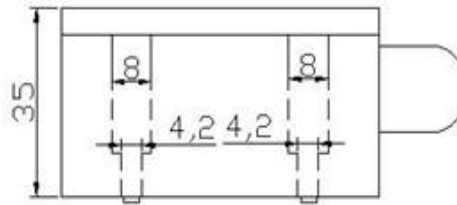
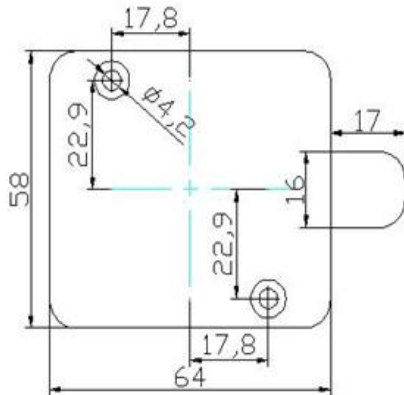


SIGNALS & CABLE SPECIFICATIONS

Wires/Connectors

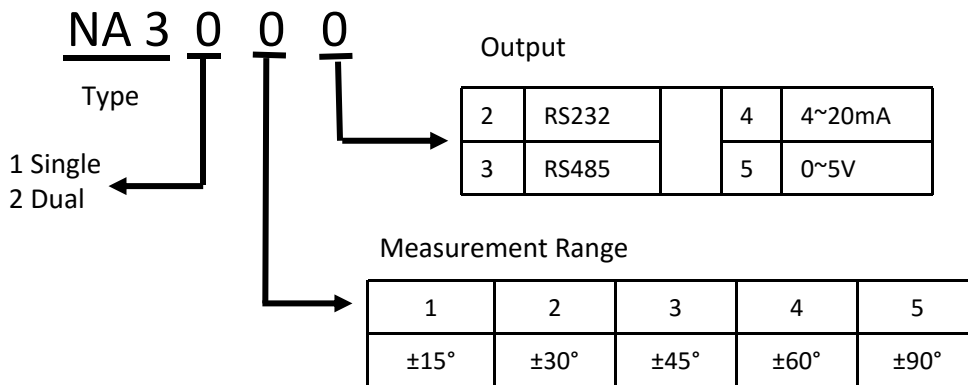
Color	Red	Black	Yellow	Blue	Green	White	Brown	Grey
Pin	1	2	3	4	5	6	7	8
Function	Power	GND	TXD	RXD	Zero Offset	X Output	Y Output	NC

DIMENSIONS



Units: mm

ORDERING INFORMATION



Eg. NA3245 is dual-axis inclinometer about ±60° range with 0~5V output.

WARRANTY

- The date of the product from the factory warranty for 1 year, the damage suffered as a result not covered under warranty:
 - Removal of artificial modification.
 - Not required the use (such as supply voltage overload, short circuit, etc.) within the scope outlined in the manual.
- In order to avoid a greater impact on your normal work but also delays the warranty period, please return the product to the factory, we will provide you with quality and efficient service.
- Nova reserves the rights to improve products, product specifications and design are subject to change without notice.