

- Measuring Range: single-axis $\pm 15^\circ$, dual-axis $\pm 15^\circ$
- Wide voltage power supply 9~30V
- Resolution 1''~5''
- Internal sealant, high impact 500g
- Good ability of anti electromagnetic interference
- Vibration impact resistance
- High reliability and stability.
- Built in power isolation and power polarity protection
- Low noise, low temperature drift, no time drift
- Protection class IP67

The model **NA6000** 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

- High precision platform leveling
- Dynamic leveling base
- Hand-held level instrument
- Launch platform attitude control

SPECIFICATION

	NA621X	NA623X
Range	5°	15°
Nonlinearity	0.5%FS(max)	
Repeatability	0.001°(Customize according to project)	
Respond time	0.5S	
Output	RS232/RS485/CAN2.0B/Other customized output	
Bias Temp.	<0.03°	
Current	< 80mA@24VDC	
Supply	9~30V	
Work Temp.	-40~85°C	
Shock	50g	

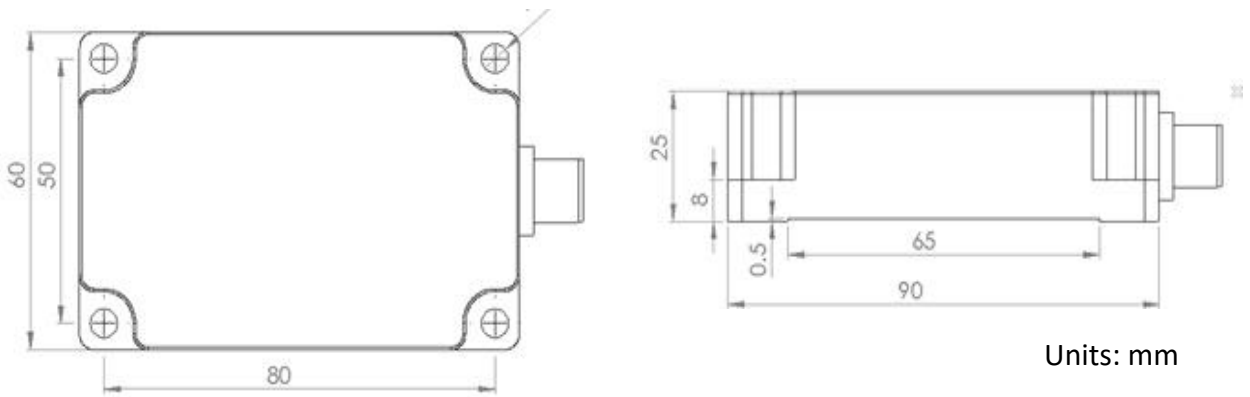
*Unless otherwise specified, Vs=24VDC, TC=25°C



WIRING INFORMATION

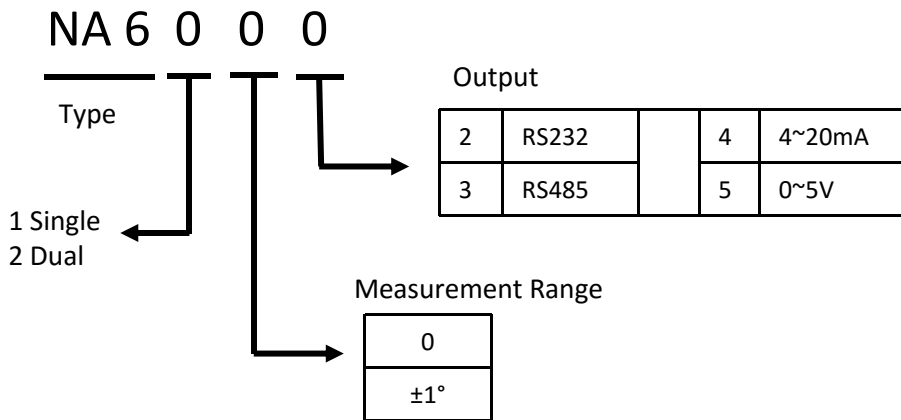
Color	Red	Black	Yellow	Blue	Green	White	Brown	Grey
Pin	1	2	3	4	5	6	7	8
Fun.	Power	GND	TXD	RXD	Zero	X Output	Y Output	NC

DIMENSIONS



Units: mm

ORDERING INFORMATION



Eg. NA6244 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.