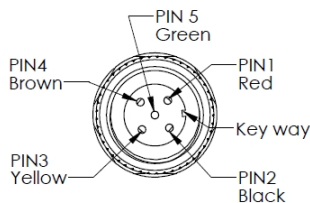


Industrial Bi-axial Inclinator

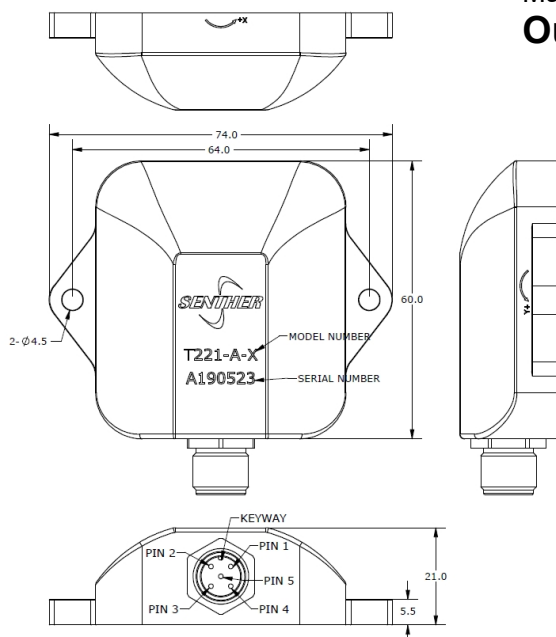


Features

- Wide measuring range
- Wide supply voltage range
- Single or Dual axial
- Low supply current
- Harsh environment



18A-L Mating Cable



Measuring range	$\pm 5^\circ$ 、 $\pm 10^\circ$ 、 $\pm 15^\circ$ 、 $\pm 30^\circ$ 、 $\pm 45^\circ$ 、 $\pm 60^\circ$ 、 $\pm 90^\circ$
Measurement accuracy(-20~60 °C):.....	$\pm 0.5^\circ$
Cross axial error.....	$\pm 0.2\%$
Refresh rate(Max.).....	50Hz
Non-linearity.....	$\pm 0.3^\circ$
Resolution.....	0.05°
Repeatability.....	$\pm 0.2^\circ$
Bandwidth(2/5/10/20/50Hz available).....	Default 10Hz
MTBF.....	10 years

Electrical

Power requirement.....	9 - 36 VDC
Voltage SFO.....	0.5 – 4.5 V
Current SFO.....	4 - 20 mA
Warmup time	< 0.1s

Environmental

Temperature range.....	-40 to 85°C
Thermal zero shift.....	0.00573°/°C
EMC.....	EN61000/GBT17626
Shock limit.....	Up to 1500g
Insolation.....	$\geq 100M$ ohms

Physical

Protection.....	IP67
Weight(W/O cable).....	≤ 200 grams
Case material.....	Anodized aluminum
Mounting.....	M4 Screws
Output Connector.....	M12_5-Pins socket

Accessories

Calibration certificate
M4x12mm hex head screw(2pcs)
Mating cable: 18A-L(option), -L for cable length in meter

Output type(Refer below table)

ITEM	OUTPUT INTERFACE CODE X					
	A	B	C	D	E	F
	RS232	RS485	CAN OPEN	SWITCH ALARM	VOLTAGE	CURRENT
CONNECTOR PIN 1	POWER+	POWER+	POWER+	POWER+	POWER+	POWER+
CONNECTOR PIN 2	POWER GND	POWER GND	POWER GND	POWER/SIGNAL GND	POWER GND	POWER GND
CONNECTOR PIN 3	TXD	RS485-A	CAN-H	CONTROL POWER +	V _x	I _x
CONNECTOR PIN 4	RXD	RS485-B	CAN-L	X AXIS ALARM	V _y	I _y
CONNECTOR PIN 5	SIGNAL GND	SIGNAL GND	SIGNAL GND	Y AXIS ALARM	SIGNAL GND	SIGNAL GND
COMMUNICATION PROTOCOL	MODBUS	MODBUS	CAN OPEN	/	/	/

Ordering Information

