

3 1/2 DIGITAL TEMPERATURE METER

FEATURE

- Measuring T/C : K, J, T, E, R, RTD : Pt100Ω
- Accuracy : T/C : ±0.25% , RTD : ±0.1%
- 3 1/2 Digital display : 1999
- (Option range in 199.99 in Pt100Ω input)
- Easy-to-wire , screw type terminal
- Outside dimensions is 1/8 DIN standard (96/48 mm)
- High stability & low cost



WCST-321

MEASUREMENT :

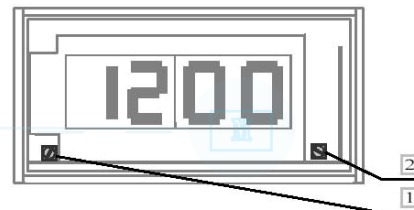
Measuring Range		Resolution	Input Impedance
Thermo couple	K 0~1200°C	1 °C	≥ 1M ohm
	J 0~750°C	1 °C	≥ 1M ohm
	T 0~400°C	1 °C	≥ 1M ohm
	E 0~1000°C	1 °C	≥ 1M ohm
	R 400~1600°C	1 °C	≥ 1M ohm
RTD	Pt100 -199.9~+199.9	0.1 °C	≥ 1M ohm
	Pt100 0~800 °C	1 °C	≥ 1M ohm

SPECIFICATION :

- Measuring accuracy : T/C : ±0.25% F.S. ±1 digit , RTD : ±0.1% F.S. ±1 digit ,
- Span adjustment : ≤ 10% of R.O.
- Span adjustment : ≤ 2% of R.O.
- Sampling time : About 3 cycles/sec.
- Polarity indication : When input is negative "-"
- Over-range indication : "1" display
- Operating temperature : 0-60 °C
- Operating relative humidity : 20-95% RH
- Temperature coefficient : ≤ 100 PPM / °C
≤ 50 PPM / °C (23±5°C)
- Cold junction compensation : 25±10 , error < 0.5°C
- Storage temperature : -10-70 °C
- Power Supply : AC 115/230 ±10% , 50/60 Hz
Option : DC12V , 24V , 48V±10% (Isolated)
- Power consumption : DC 3W , AC 4.5VA
- Dielectric Strength : AC 2.0 KV for 1 min (Between Power/Input)
AC 3.0 KV for 1 min (Between Terminal/Case)
- Weight : 350g

ADJUSTMENT :

◆ THERMOCOUPLE INPUT:



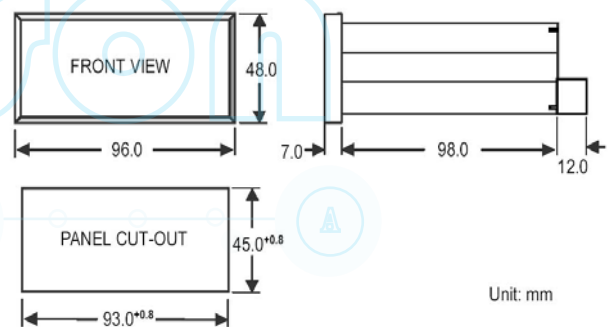
1. Zero Adjust Pot (Clockwise: PV increase)
2. Span Adjust Pot (Clockwise: PV increase)

◆ RTD INPUT:

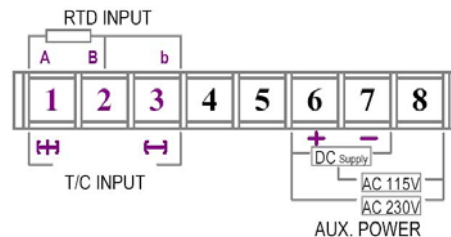


1. Zero Adjust Pot (Clockwise: PV increase)
2. Span Adjust Pot (Clockwise: PV increase)

DIMENSIONS :



CONNECTION DIAGRAM :



為便於您爾後的查閱，建議您將本頁歸檔至本公司型錄中。謝謝！

TB-0207-1

Wilson
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MEASUREMENT :

WCST- **Input Type** - **Input Range** - **Aux. Power**

CODE	Input Type	Thermocouple		CODE	Aux. Power
K	K type	CODE	Input Range	A	AC 115/230 V
J	J type	A	0~100°C	D12	DC 12V
T	T type	B	0~200°C	D24	DC 24V
E	E type	C	0~400°C	D48	DC 48V
R	R type	D	0~600°C	0	SPECIAL
P	Pt 100 Ω	E	0~1000°C		
O	Other	F	0~1200°C		
		G	400~1600°C		
		O	SPECIAL		
		Pt 100 Ω			
		CODE	Input Range		
		1	0~199.9°C		
		2	-50~50°C		
		3	-99.9~199.9°C		
		4	0~300°C		
		5	0~600°C		
		6	0~800°C		
		0	SPECIAL		