Digital Temperature Scanner (Manual) DTS 803

Main Features:

- ✓ 3½ Digit 7 Segment LED Display
- ✓ Highly Accurate
- ✓ Cold Junction Compensated
- ✓ Auto Linearization
- ✓ Selection Of Channel Using Selector Switch

Operation

The instrument's front panel consist of a 3½ digit 7- segment display with 14.3mm ½ RED FNDs. The display indicates process value. Probe failure indication by displaying ± 1 indication. Using selector switch one may shieft one channel to other.

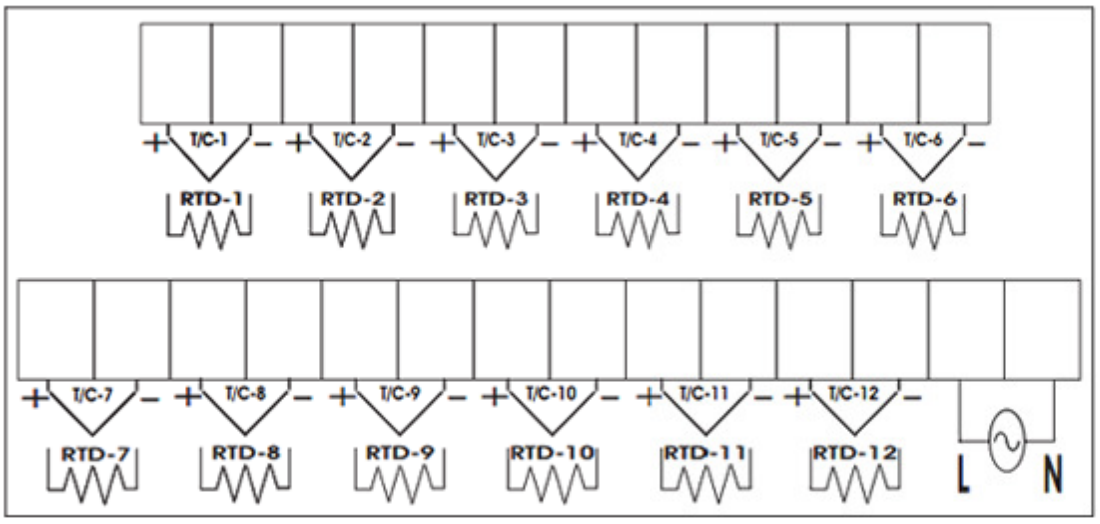
Specification

Accuracy	**: 0.25% FS ±1 Digit**
Display	**: 3½ Digits, 7Segment RED FND, IN 14.3mm Height.**
Power Supply	**: 220 VAC ±10%, 50Hz.**
Enclosure	**: Metal, 190x96x200mm (WHD) With Two Mounting Clamps.**
Environmental Operating Conditions	**: Ambient Temperature 50º C, Humidity 90% Rh. max.**

Input/ Range Chart (for Odering Information Purpose)

Input Type	Range Limit	Resolution
Pt-100 RTD (3Wire)	-199.9ºC to +199.9º C	0.1º C
Pt-100 RTD (3Wire)	0ºC to +199.9º C	0.1º C
Pt-100 RTD (3Wire)	0ºC to +400º C	1.0º C
Fe-Const Thermocouple (ANSI J)	0ºC to +600º C	1.0º C
Cr-Al Thermocouple (ANSI K)	0ºC to +1200º C	1.0º C
Pt-PtRh (13%) Thermocouple (ANSI R)	0ºC to +1600º C	1.0º C
Pt-PtRh (10%) Thermocouple (ANSI S)	0ºC to +1750º C	1.0º C

Back Terminal Connection



Ordering Information for Model Selection

DTS 803 — 1 2 — 3 4 5 — 6 7

1 Input		2 Resolution		3 Output 1		4 Output 2		5 Output 3		6 No of Channel		7 Enclosure Material	
'J'	"J" Type T/C	'1'	for 0.1º C	'#'	for NONE	'#'	for NONE	'#'	for NONE	'2'	for 2 nos. Channel	'M'	for Metal
'K'	"J" Type T/C	'2'	for 1.0º C							'4'	for 4 nos. Channel		
'R'	"J" Type T/C									'6'	for 6 nos. Channel		
'S'	"J" Type T/C									'8'	for 8 nos. Channel		
"Pt -100"	"Pt-100" Type RTD									'10'	for 10 nos. Channel		
										'12'	for 12 nos. Channel		

DTS 803 — K 2 — # # # — 12 7

K Input		2 Resolution		# Output 1		# Output 2		# Output 3		12 No of Channel		7 Enclosure Material	
'K'	"J" Type T/C	'2'	for 1.0º C	'#'	for NONE	'#'	for NONE	'#'	for NONE	'12'	for 12 nos. Channel	'M'	for Metal

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