



Industrial Temperature Scanner

Instrument
Division

96 x 96 mm size



Brief Information:

"Highly Adaptable Temperature Scanner with low panel depth most suitable for Panel industries to reduce inside panel space. Aux. Supply is galvanically isolated from measuring circuit. Cover wide measuring range. Channel 1 / Channel 2 are fully on site programmable through front two switches provided on Front side. User can enjoy the freedom to set high temperature value as well Low temperature values for 2 particular Channel.
(For Temperature (C) High value upto 850 Degree Celsius & Low temperature value upto -150 Degree Celsius for both Channel.

Auxiliary Power Supply:
Universal – 85....285 V AC / DC.

Features:

- 1) 4 Digit , 7 Segment LED Display.
- 2) RTD (PT100) Input.
- 3) Set point for Particular Channel.(CH1,CH2).
- 4) °C output on display.
- 5) Relay Output Control.
- 6) Two Key operation .

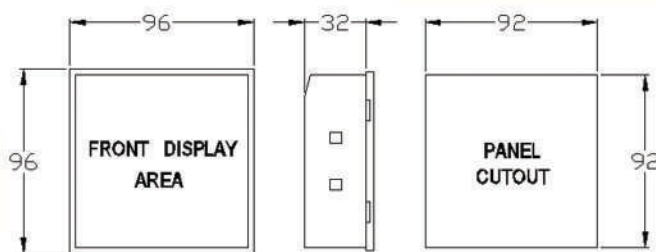
Application:

The Industrial Temperature Scanner have been designed for Industrial applications, i.e. electrical Panels required for to measuring the temperature.

Ordering information

- 1) Meter type: Industrial Temperature Scanner

Meter Dimensions & Installation cut out



Specifications:

Parameters	Measurand
Display	4-Digit ultra Bright LED display (RED, 0.5"- 7 segment LED Display)
Input	RTD (PT-100)
Resolution	0.1 °C of Full Scale
Temperature Range	-150 to 850 °C
Sampling Time	250 ms.
Relay Output	"NO" contact 6A 250V AC Rating Led indication for over set Temperature
Accuracy class	0.25% of Full Scale
Temperature coefficient	100 ppm/°C
Indication	2 separate LED for particular Channel
Auxiliary supply	Universal (85...285) AC/DC
Operating temperature	0 to +60 °C
Storage temperature	-20 to +70 °C
Humidity	<95% RH Non-condensing
Front protection rating	IP52
Case protection rating	IP30
Material	ABS
Mounting	Flush Mounting with side clamps
Dimension	96 X 96 mm
Back panel depth	32 mm
Cut out	92 X 92 mm (-0.1)
Weight	156gm.

Connection Diagram

						CHANNEL - 2			CHANNEL - 1		
AUX +	AUX -	COM 1	NO 1	COM 2	NO 2	W	W	R	R	W	W
12	11	10	9	8	7	6	5	4	3	2	1



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Note: Product innovation is a part of continuous development hence specifications are subject to change without notice. AE-1 Ph-DPM Datasheet/2010/09/002