

## UNIVERSAL TEMPERATURE TRANSMITTER



UT-9001-D

Din Rail Mounted Transmitter



UT-9001-H

Hade Mounted Transmitter



## INTRODUCTION

The UT-9001-D/H Is Excellent And Cost-Effective 2-Wire Temperature TRANSMITTER. The Design Is Available In HEAD Mounting And DIN-RAIL Housing. The Device Generates 4-20 mA DC Current Signal Proportional To Temperature. The TRANSMITTER Operates On Loop Power Supply. The Current Signal Reduces Wiring Cost Drastically. The Effect Of Electrical Noise Is Minimized & Long Runs Of Thermocouple Wires Is Eliminated.

## FEATURE

- ✦ Microprocessor Based Highly Reliable Isolator With Slim And Compact Design (22.5 mm & 35 mm).
- ✦ Universal Input T/C, RTD, Linear Input Selection.
- ✦ 2 Wire Technology 4 To 20 mA DC Analogue Output.
- ✦ 0.1% Accuracy Of FS. (Din Rail Mounting).
- ✦ Supplemented With 1, 2, 3, 4 Isolated 4-20 mA DC Outputs For One Input Option.
- ✦ All Configurations And Calibration From Windows Base Software Utility.
- ✦ Hade Mounted And Din Rail Model Available.
- ✦ An Internal Temperature Sensor For Active Temperature Compensation.
- ✦ Easy Wiring With A Large Centre Hall.

This is a User Programmable Temperature Transmitter which can be Programmed for Input Signal via Data Cable & user Friendly Operating Software

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## TECHNICAL SPECIFICATION

Input	RTD : PT 100 / Cu-50 ,Cu-100
	T/C : B, E ,J, K, N, R, S, T
	Resistance : 0-400 Ohms / 0-200 ohms
	Voltage : millivolt
Feature	Response time : >1 Sec.
	Stability : <0.05 / Year
	Switching Delay : <5 Sec.
	O/p Resolution : 0.3 Micro AMP
	Stability : 0-2.5 %
Output	Normal : 4-20 mA DC
	Over range : >>20.5 mA
	Under range : << 3.8 mA
	Sensor Break : 3.6 mA Or 22 mA
Accuracy	0.15 % On Span
Supply Voltage	7 to 45 V DC
Protection	IP-65/ IP66
Material	ABS Housing.
Size	UT-9001-H : 44 x 22. mm- Head Mounted , UT-9001-D : 13 x 99 x113 Din Rail
Load	Max 7.5 V and 0.022 A
Storage Temperature	Max 40 °C to 85 °C
Operating Temperature	Max 40 °C to 85 °C

## ORDERING INFORMATION

**UT-9001-H :- Head Mounted**

**UT-9001-D :- Din Rail Mounted**