

USB PEN DRIVE DATA LOGGER SERIES

INTRODUCTION

Real Time Data Logging has never been so easy and straight-forward. With ESD's USB Pen Drive based Data Logging unit, just plug in the Pen Drive and leave the rest to the unit. Get data stored in file compatible with Microsoft Excel. You can store records as much as 99,99,999 in one pen drive.

FEATURES

- ✓ Proven troublefree field performance
- ✓ Highly compact
- ✓ Dust and vermin proof enclosure with epoxy powder coating
- ✓ LED display gives better readability at long range
- ✓ Fast response time
- ✓ Available in different DIN std. cutouts
- ✓ Designed for Pt-100, Thermocouples and 4 - 20 mA input
- ✓ Maximum MTBF and minimum MTTR
- ✓ Wide supply variation and environmental band

SPECIFICATIONS

No of Inputs	: One, Four, Eight, Sixteen.
No. of set points	: 2 Set (based on requirements)
Control Action	: On/Off
Range	: Programmable as per input
Input	: To be Specified (4-20mA / Pt-100 / Cr-AI)
Indication Accuracy	: +/- 0.25% of FSD
Least Count	: 0.1 or 1 Deg.C
Programming	: Through Feather Touch Keypad
Relay Logic	: User selectable High OR Low Logic
ON/OFF Hysteresis	: Programmable from 0.1 to 9.9 Deg.C
Power Supply	: 230 V.AC. +/- 10%. 50 Hz.
Panel Cutout	: 92 X 92 mm, Depth - 120 mm or 138 X 68 mm, Depth 140 mm
Display	: 4 Digit Seven Segment 12.5 mm RED LED
USB Interface	: For Pen Drive (Any standard Pen Drive available in market)
Output File	: In CSV format viewed in Microsoft Excel 2000/2003/2007
Records Stored	: 99,99,999 (Based on Pen Drive Selected)
Data Logging Interval	: 1 min to 4 hrs (Programmable)
Time Keeping	: Non Volatile Time Keeping RAM with 10 year data retention



APPLICATION

This temperature indicator can be used in almost any industry, laboratory etc. where accurate temperature indication and continuous data logging is required.