

8 / 16 Channel Universal Input Data Logger



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Models: SMARTSCAN (Horizontal) & (Vertical)

Basic Description: Entry Level Universal input data monitoring system with bright LED display for Parameter Value & Set point and 16 character X 2 Line alphanumeric LCD display for easy man machine interface

Specifications:

Intuitive Display: Bright red seven segment LED display for Parameter value (5 Digits), Set point Value (5 Digits) and channel number (2 Digits) and 16 character x 2 Line alphanumeric LCD display for indicating parameter units, alarms and easy system settings along with continuous display of Date & Time

Input Channels: 8 channel / 16 Channel Universal Input

RTD Input: PT100 / PT100

Thermocouple Input: K, J, R, S type

Milliamp Input: 4 – 20 mAmp / 0 – 20 mAmp

Milivolt Input: 0 – 2000 mVolt DC Input

Voltage Input: 0 – 5 VDC Input / 0 – 10 VDC Input / 0 – 20 VDC input

Data Storage: 4 MB / 8 MB internal Data Storage capacity suitable

for storing around 60,000 samples per channel

Logging Interval: 1 Sec. to 1hour (User Selectable)

Logging Types: Continuous / Value Triggered / Time based

Real Time: Internal Real Time Clock with Battery Back Up

USB (optional): USB Host Port for connecting USB sticks

Relay / Alarm: 4 potential free relays with grouping facility

MODBUS RTU: Optional RS485 MODBUS – RTU output for connecting multiple data loggers to common

PC / PLC

Sensor Excitation: 24 VDC Sensor Excitation Output

Operating Power: 230V AC

Application Areas:

All type of process plants like – Oil & Gas, Power, Iron & Steel, Automotive, Water & Waste, Food & Pharmaceutical, Chemical & cement Industries, Paper Industry, Dairy & food industries, Horticulture & agriculture, Vulcanization, Blood Banks, cold storage etc.