This microprocessor based data acquisition and recorder can handle any analog input and will operate an RTU linked to a PC for online recording and supervision, or as a stand alone datalogger with real time clock and graph capability. DIN rail mount, it has 8 universal inputs that can handle different sensors on each channel simultaneously.

### 8 CHANNEL DATALOGGER

#### STANDARD
- **8 UNIVERSAL ANALOG CHANNELS**
- **INPUTS**: T/C J, K, T, Pt100, mA, mV, HUMIDITY, DIGITAL
- **ACCURACY**: 0.1%
- **Rs485 PC COMMUNICATIONS**
- **SCANNING**: 8 CHANNELS/0.5s
- **PROGRAMMABLE**: Start, Stop, Frequency, Wrap around, Sensor, Range
- **MAX, MIN, AVG READINGS**
- **POWER**: 85-264VAC
- **ALARMS**: 2 RELAYS FOR 8 CHANNELS
- **DIGITAL INPUT FOR REMOTE START/STOP**

#### OPTIONAL
- **INTERNAL MEMORY**: 32-128,000 RECORDING
- **REAL TIME CLOCK**

### SPECIFICATIONS - FIELDLOGGER

#### 1. INPUT (CAN BE MIXED INPUT)
- **Temperature**: J, K, T, E, B, R, S, pt100, 4-20mA, 0-50mV
- **humidity sensor**, Digital input
- **Range**: User specified
- **Accuracy**: T/C +/-1C, pt100 & 4-20mA +/-0.15%

#### 2. RECORDING
- **Recording**: 0.5s to 1month
- **Data Capacity**: None-standard, OPTION-32k, 128k

#### 3. PC COMMUNICATIONS
- **INTERFACE**: Rs485
- **DATA TRANSFER**: 8s FOR 8K Reading

#### 4. SOFTWARE
- **PROGRAM**: LOGCHART
- **WINDOWS**: 95, 98, NT
- **GRAPHICAL PROFILE**: LIST, GRAPH, TEXT EXPORT
- **Recording**: 0.5s to 1month

#### 5. POWER
- **Rating**: 85-264VAC, 2VA

#### 6. ENVIRONMENTAL & PHYSICAL
- **Operating Temp**: -40 to 70°C
- **Humidity**: 0-100%
- **Instrument Size**: 105mmW x 90mmH x 60mmD