novus MODBUS INDICATOR & LOGGER

N1500

This high performance universal indicator has been a market hit and features universal input, transmitter excitation, digital input, 4-20mA retransmission, up to 4 alarms and load cell compatibility.

- Accepts thermocouples J, K, T, E, N, R, S, B; Pt100, 4-20mA, 0-50mV and 0-5Vdc
- Programmable range from -1999 to +9999 with adjustable filter.
- Input sampling: up to 20 per second
- Alarms: two 3A SPST relays in the basic version and 2 more as options.
- Alarm functions: LO, HI, differential, diff HI, diff LO and sensor break.
- HOLD, PEAK, MAX and MIN function
- Remote tare zero or via keyboard
- 24 Vdc output for remote transmitters
- Voltage: 85-264Vac or 24Vac/dc

OPTIONS:

- Process variable retransmission
- Rs485 MODBUS digital communication
- 10Vdc excitation for load cells
- Third and fourth SPST relays

FIELD LOGGER

This microprocessor based data acquisition and recorder can handle any analog input and will operate as an RTU linked to a PC for on line recording and supervision or as a stand alone data logger with real time clock and graph capabilities.
DIN rail compatible, it has 8 universal channels that will accept different input sensors at the same time and can be easily expanded.

- 8 Universal analog channels per module.
- Accepts t/c J, K, T, E, N, R, S, B, 4-20mA, Pt100, 0-50mV without hardware change.
- Internal memory (optional) for 32, 000 to 128, 000 recordings and real time clock.
- Input resolution: 12, 000 levels
- Accuracy: 0.1% of full scale .
- Scanning: 8 channels in 0.5 seconds.
- Reading rate: from 0.2s to 1day.
- Voltage: 85-264Vac, optional 12-24Vdc
- Alarms: 2 relays 3A for the 8 channels.
- Digital input for remote START/STOP.
- RS-485, MODBUS - RTU, 19200 bps.
- 35mm DIN rail mounting.
- ABS enclosure: 105x90x60mm

MODBUS INDICATORS

MBPIC4-24B-R 24VAC/DC (4 DIGIT)
MBPIC6-24B-R 24VAC/DC (6 DIGIT)

- Direct panel mounting or to mastertech mimic system
- Dimming facility for variable lighting conditions
- Simple hex switch addressing of instruments
- Up to 200 slave devices on one rs485 line
- PLC i/o saving only serial port required
- Serial and hardware lamp-test function
- Fast updating of large installations
- Loss of communication indication
- Simple plc and scada interfacing
- Synchronised flashing function
- Reliable modbus based protocol
- Broadcast messaging support
- RS 485 data communication
- Low current consumption
- High brightness displays
- Selectable baud rates
- 48x96mm bezel
- 45x92mm cutout

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