Dual Monitor - Datalogger OC3000-D

- ✓ Two Inputs 0-10V DC, 0/4-20mA
- ✓ Free scalable Display
- ✓ TARE in each Signal Channel
- ✓ Storage for two fast Transients
- ✓ Datalogger
- ✓ Software for Windows
- ✓ Battery operation

OC3000-D is microprocessor controlled Dual Monitor with two analogue channels for 0-10VDC or 4-20mA. Pt-100 temperature measurement is optionally available. External sensors with two or three terminals are supplied from OC3000-DMD and the results are displayed as 0.00/4.00-20mA or 0-10.00V. They can be scaled at the display in process units such as MPa, bar, psi, mm, etc. Varieties of arithmetic operations at the display can be selected from the menu. Peak values of the measured signals are automatically stored. They can be recalled at the display at any time.

The Datalogger function permits storing of the measured results in the internal memory. The date of the day and the time are added to each measurement from internal RTC.

One or two fast transients of the input signals can be can be stored with the sampling rate of up to 1ms. Software Manager *OrbCom* is available for Windows and permits the stored results to be downloaded to a PC as tables and graphics.

OCM3000-D is enclosed in a handheld case and supplied from internal rechargeable battery which permits 8 hours uninterrupted operation. The design conforms to the CE and the ROHS guidelines 2002/95/EG.

SPECIFICATIONS

Inputs with Tare Function
P1 0-10VDC or 4-20mA
P2 0-10VDC or 4-20mA
T: Pt-100, -50 … 500 °C, two/four terminals.

Conversion
14 Bit, ± (1 LSB 1 1 Digit)
Accuracy: ± (0.1%+1digit) from Range.

Datalogger
Up to 160`000 measurements with Date and Time
OrbCom Soft Manager for Windows

Transients
Sampling Rate: 1ms - 20ms (one transient only)
Sampling Rate: 2ms - 20ms (two transients)
Sampling Time: 480 - 4800 seconds

Supply
Rechargeable battery 6V, 2Ah

Terminals
12 mm, 8 pin connectors
Jack for battery charger
USB communication port
Dimensions 215 x 90 x 40mm, 460g.

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