



MUIR MATHESON
WEATHER MONITORING

OMC-938 Weather Display

The OMC938 digital display unit is specially designed for easy to read wind speed, direction plus four other parameters. The display is suitable for panel mounting but an option for table top is available. Wind direction is indicated within a double LED circle. Each wind rose circle consists of 36 LED's for average direction and wind variation - the three digit numerical display indicates the wind speed and the second numerical display provides maximum or minimum wind speed information.

The menu button allows the user to change the averaging interval, wind display units and brightness. The four additional displays are provided with interchangeable legends. Depending on which sensors are used various I/O modules are available, delivered with the unit.

Manufacturer

Data Summary Display

Power Requirements

Inputs

Outputs

Operating Environment

Dimensions

Weight

Options

Observator

Double LED circle with 36 LED's for average direction and variation
5 digits red LED display size 14.3mm height Interchangeable legends

230 VAC, 115VAC, 24VDC, 30V max

1 digital pulse input, 1 analogue input (potmeter), 2 RS422 or current loop input

2 RS422 or current loop, 2 analogue outputs (optional)

-30.....+60°C (Operating Temperature)

IP40 (Moisture Protection)

5...90% (Humidity)

EMC EN 50081-1 class B, EN 50082-2

288x144x94mm standard DIN 43700 size

1.5Kg

Dual analogue outputs 4-20mA or 0-1Vdc

Digital outputs RS422

Remote brightness control

Table top housing with bracket

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