

S-WEST

Please contact our official dealer for your Country to choose the most suitable configuration for your project

The S-WEST Weather control unit



The S-WEST Weather control unit is a complete meteorological station, very compact and modern. All components, even the sensors and the powerful microprocessor, are mounted on a single 42 x 42mm printed circuit.

The module measures the atmospheric pressure, relative temperature and humidity, and transmit the data through the serial port using the NMEA 0183 marine standard protocol.

The microprocessor guarantees an excellent linearity of the measure in the whole range of the operative temperature, which goes from -28°C a +70°C.

Thanks to its innovative design, the absorbed power is lower than 20mW.

Available features:

- Precise measure of pressure (mBar), Temperature (°C) e Relative Humidity (%RH)
- Wide temperature range
- Low energy consumption
- Compact dimensions

Applications:

- Marine Sector
- Atmospheric data monitoring
- Barometric pressure trends
- Weather forecast
- Environmental confort control
- Environmental monitoring

Official Dealer:
ACSONMARINE S.r.l.
Via E. Barsanti, 10
47122 Forlì - Italy
Tel. +39 0543 721918
Fax +39 0543 792158
www.acsonmarine.com
info@acsonmarine.com

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Interfaces

NMEA interface: NMEA0183

Ratings

Power consumption: < 20mW (medium)
Power supply voltage: 8 to 38 Vdc
Weight: < 30g

Measure range

Temperature: -40÷125°C, 1°C ±0.5%

Environmental conditions

Operational temperature: -28 to +70 °C
Storage temperature: -28 to +70 °C

Housing

Mechanical dimensions (max): 42 x 42 x 17 mm

Approvals

CE: Yes
RINA: Yes

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