

SML 101

Environment Monitor Light version 1.0

The SML 101 module is a digital data acquisition module that allows instantaneous measurement of atmospheric conditions, and their transfer to a computer. It measures the following values in real time : ambient temperature, relative humidity, and atmospheric pressure.

The SML 101 is designed to be integrated into an industrial system and in particular into a test bed (chassis or engine). In this application, the SML 101 is an essential element for the optimal correction of the measured values, including the Power.



Ambient temperature :

- Measurement range : -10 ..50 °C
- Accuracy : 1 °C
- Resolution : 0.1 °C



Ambient humidity :

- Measurement range : 26 - 100 % RH
- Accuracy : 7 % RH
- Resolution : 0.1 % RH



Atmospheric pressure :

- Measurement range : 750 - 1100 mBar
- Accuracy : 1.5 mBar
- Resolution : 0.1 mBar



General characteristics :



Communication :

- RS232C serial link.
- Rotronics communication protocole supplied (Only runs with Rotronics software)



Package contents :

- SML 101 module : dimensions 125 x 67 x 40 mm, weight : 100 g
- Power supply by serial link port série
- RS232C cable for connection to computer

SML101_UKP_08_06

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