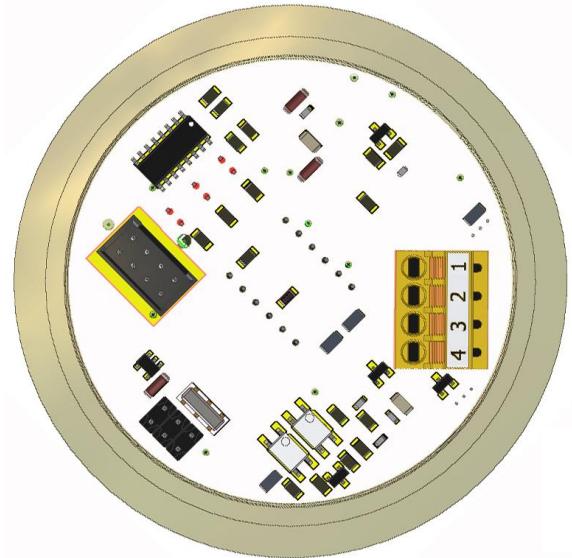


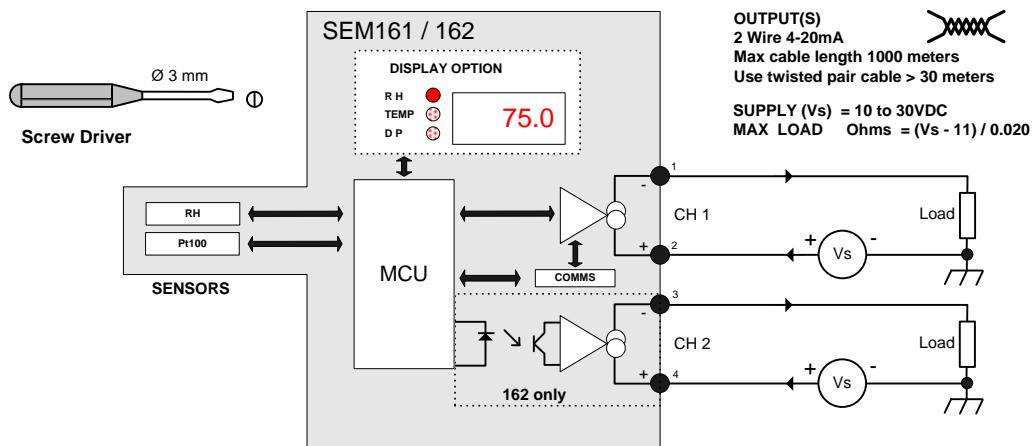
MECHANICAL INSTALLATION



ELECTRICAL INSTALLATION



TURN OFF SUPPLY BEFORE WORKING ON ANY ELECTRICAL CONNECTION



SENSOR

INSTALLATION

Humi-Chip measurement module incorporates an integrated temperature sensor. The measured values are correct when the Humi-Chip Humidity and Temperature are both in equilibrium with the surrounding ambient conditions.

For optimum performance, the following recommendations must be observed:

- 1) Install the sensor in the most representative location of the ambient to be controlled;
- 2) Avoid direct exposure to sun and atmospheric agents;
- 3) Avoid installing the sensor next to heaters, coolers, steam vents and humidifiers;
- 4) Avoid turbulences which can generate unstable pressures.

Cleaning/replacing the dust filter

The dust filter should be cleaned from time to time depending on the working conditions. Cleaning should be done as follows:

- 1) Removing the filter from the probe as described below (Replacing Humi-Chip module note 1 to 3)
- 2) Then clean it by washing with water or by blowing with compressed air (the filter must be far from the Humi-Chip)

Replacing Humi-Chip

The sensor of the Humi-Chip module does not need any periodic calibration. The replacement sensor is delivered factory calibrated. Calibration is not required after replacement. If the replacement of the Humi-Chip module is necessary, proceed as follows observing full ESD precautions:

- 1) Switch off the power supply;
- 2) Verify that the Humi-Chip module is at a safe temperature;
- 3) Unscrew the protection filter;
- 4) Gently withdraw the module;
- 5) Insert the new module;
- 6) Re-install the protection filter.

