

**Input :** ..... four or two integrated humidity and temperature probes  
**Distance between probes and meter:** ..... up to 50 meters  
**Temperature measuring and logging range :** ..... -25°C do +60°C  
**Relative humidity measuring and logging range:** ..... 5 do 98%.  
**Resolution of current temperature and humidity:** ..... 0,02°C/0,5%RH  
**Accuracy of temperature measurement:** ..... ± 0,15 % of the range  
**Accuracy of relative humidity measurements:** ..... ±3%RH @ temperature of calibration point  
**Log interval:** ..... from 1 minute to 99 hours (programmable through the meter's keyboard)  
**Connection to PORT1 S30/40 printer :** ..... RS-232 port on the THM-406 FL housing  
**Communication with computer PC :** ..... RS - 232 ( distance to computer PC up to 4 meters)  
   industrial RS - 485 - special converter necessary - (distance from computer PC up to 100 meters)  
**Temperature and humidity display:** ..... 4 x 16 alphanumeric LCD display  
**Device status display:** ..... 4 x 16 alphanumeric LCD display  
**Switching of measuring channels:** ..... through meter's keyboard  
**Data logging (programmable by the user):**  
     1.storage in the nonvolatile, internal memory (up to 12 500 logs for each channel) and further transferable to the PC and/or to the **portable printer** with the time and date stamp as a chart or graphs  
     2.On-line output to the PC through RS-232 serial interface or RS-485 industrial interface for further analysis, storage and hard copy printouts  
**Power:** ..... 9 V dc or 230 V ac through adapter  
**Housing:** ..... black plastic adapted to be hanged on a wall  
**Dimensions:** ..... L200 x H95 x D37 mm