

HVACR - AIR SPEED - AIR FLOW DATALOGGER

HVACR is a portable data logger specifically designed for measurements in air conditioning, heating, ventilation, environmental comfort, energy savings for industrial and residential buildings by full series of dedicated probes.

HVACR measures:

- the speed and flow rate inside pipeline with hot-wire probes, fan or Pitot tube replaceable probes
- the relative humidity and temperature by combined probes
- the differential pressure up to 2000 mbar and barometric pressure
- temperature with immersion, penetration or contact probes
- illuminance, luminance, irradiance with photometric / radiometric probes



DESCRIPTION

Datalogger stores up to 12,000 readings that can be displayed on the display or transferred to a PC connected to the instrument via the RS232C serial port. Logging interval, printing, and baud rate by menu configuration. The "record" (RCD) function key, calculates the maximum, minimum and average values. Data reading facilitated by a display, double lines, wide one LEDs array. Other functions are: relative measure, Hold, zero correction of the differential pressure and hot wire probes.

TECHNICAL SPECIFICATIONS

Display	3 1/2 digit, double lines LCD, character height 12.5 mm. Units of measurement and other additional information are provided by one LEDs array on bottom side.
Inputs:	connector input A for air speed and pressure probes, connector input B for the temperature sensors and combined temperature/humidity probes
Storage capacity	12,000 readings
Storage interval:	Saving / printing configurable from 1 second to 1 hour
Data security:	independent from battery charge
Auto Power Off:	after 8 min. disabled by setup
Working temperature:	-5 ... + 50 ° C working; -20 ... + 60 ° C storage
RH:	0 ... 90% RH, no condensation admitted
Power supply:	4x 1.5V alkaline batteries, AA, Battery life 100 hours approximately
Probes input:	2 circular connectors 8-pin male DIN45326
Serial output::	RS232C 9-pin SUB D male. Baud rate from 300 up to 38400 baud
Housing:	ABS
Dimensions and weight:	72x210x40 mm. - 320 gr.

OPTIONS

Software:	Software for downloading and management of data from/to the PC
PC cable:	9CPRS232 extension cable 9-pin sub D female / female for RS232C (null modem)



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