

Humidity & Temperature Transmitter E2227



Features

- Excellent repeatability and stability
- Fully calibrated and temperature compensated
- Compact housing providing optimal airflow
- Two analog outputs settable to 0-10 V or 4-20 mA
- RS485 Modbus RTU digital interface

Specifications

Sensors	digital combined RH and T sensors
Measurement range	0...95 %RH, -20...+70 °C
Resolution	0,1 %RH / 0,1 °C
Accuracy	±2,5 %RH, ±0,5 °C ±1,8 % RH / ±0,3 °C on request
Sampling interval	0,5...32000 seconds
Response time	~15 seconds
Self-diagnostics	full functionality check at start-up
Warm-up time	≤ 1 s
Power supply	11...30 VDC, nominal 12 / 24 VDC
Power consumption	< 1,5 W
Digital interface	RS485, Modbus RTU protocol
Analog outputs	2 × 4-20 mA / 0-10 V, user settable
Enclosure	white plastic with ventilation slots, wall mount, protection class IP20
Cable connections	pluggable screw terminal blocks
Dimensions	H71 × W71 × D27 mm
Operating environment	residential, business and industrial indoor spaces
Operating conditions	-20...+70 °C, <95 %RH, without condensation

