

Probe versions of E2218 and E2228 Temperature & Humidity transmitters

E2218



E2228



Attached probe

- Operating conditions: -40...+85 °C, 0...100 %RH
- Probe dimensions: Ø16×L75 mm

Applications: Underground car parks, data centers, energy storages, battery charging rooms, ripening rooms, controlled atmosphere, greenhouses, laboratories, pharmaceutical industry.



Remote probe

- Operating conditions: -40...+85 °C, 0...100 %RH
- Probe dimensions: Ø16×L75 mm
- Attached PVC cable, length 2,5 or 5 m

Applications: Ripening rooms, controlled atmosphere, greenhouses, laboratories, pharmaceutical industry.



Heavy duty remote probe

- Operating conditions -40...+125°C, 0...100 %RH
- Probe dimensions: Ø16×L75 mm
- Attached PTFE cable, length 2,5 or 5 m

Applications: Lumber drying kilns, places with extreme temperatures.



Micro probe

- Operating conditions: -40...+85 °C, 0...100 %RH
- Probe dimensions: Ø4×L50 mm, stainless steel, with vent slots
- Attached PVC cable, length 2,5 or 5 m

Applications: Bakeries, hard-to-reach chambers / rooms.



Duct mount

- Operating conditions: -40...+85 °C, 0...100 %RH
- Probe dimensions: Ø16×L200 mm

Applications: Indoor air quality, data centers, food industry, laboratories, pharmaceutical industry.

E2218 and E2228 comparison

Common features

- Based on PluraSens® Platform
 - User settable analog outputs: 2 × 4-20 mA / 0-10 V
 - Digital interface: RS485, Modbus RTU protocol
- Standard accuracy ($\pm 2,5\%$ RH / $\pm 0,3\text{ }^{\circ}\text{C}$), higher accuracy option ($\pm 1,8\%$ RH / $\pm 0,3\text{ }^{\circ}\text{C}$)
- Replaceable probes
- Measured values: relative and absolute humidity, ambient temperature and dew point value in air and non-aggressive gases with high accuracy and stability.
- Dust and waterproof IP65 enclosure



Differences

- 12...36 VDC (default) or 24 VAC (option) power supply
- 12...36 VDC (default) or 24 VAC / 230 VAC (options) power supply
- Two SPST relays for thermostat / hygostat functionality



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