

Duct mount

Humidity & Temperature Transmitter E2218-DM



Features

- Excellent repeatability and stability
- Fully calibrated and temperature compensated
- Heavy duty IP65 protected enclosure
- 0-10 V or 4-20 mA switchable analog outputs
- RS485 Modbus RTU digital interface

Specifications

Sensors	digital combined RH and T sensors
Measurement range	0...100 %RH, -40...+85 °C
Calculated parameters:	dew point, absolute humidity
Resolution	0,1 %RH / 0,1 °C
Accuracy	±2,5 %RH / ±0,3 °C ±1,8 % RH / ±0,3 °C on request
Response time	~15 seconds
Self-diagnostics	full functionality check at start-up
Warm-up time	≤ 1 s
Power supply	11...30 VDC, nominal 24 VDC or 24 VAC ±10%
Power consumption	< 1,5 W
Digital interface	RS485, Modbus RTU protocol
Analog outputs	2 × 4-20 mA / 0-10 V, user settable, freely configurable scales
Fieldbus interface	RS485, Modbus RTU protocol
Cable connections	screwless terminal blocks
Probe connector	round industrial M12, IP68
Enclosure	grey ABS, duct mount, protection class IP65
Mounting accessories	cable gland Ø25 mm
Dimensions	H82 × W80 × D55 mm
Operating environment	industrial indoor and outdoor places
Operating conditions	-40...+85 °C, 0...100 %RH
Sensor probe	Ø16×L200 mm, M12 plug, -40...+85 °C

