

Miniature probes

The miniature probe is used for humidity and temperature measurement in confined spaces. It also calculates the dew/frost point and can be installed discretely. The 4 mm probe has a spike tip for insertion in walls.

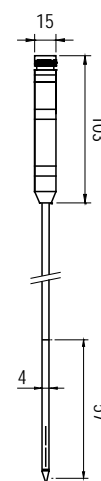
APPLICATIONS

Museums, glass cabinets, building material tests, automotive and aviation industries, testing laboratories, paper, textile and pharmaceutical industries.

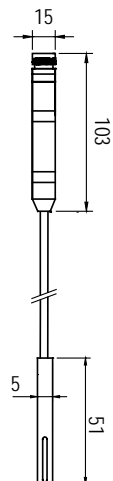
FEATURES

- Accuracy: $\pm 1.5\%RH$, $\pm 0.3\text{ K}$, at 10...30 °C
- Range of application: -40...85 °C / 0...100 %RH
- Digital interface (UART) and scalable analog outputs, 0...1 V
- Standard output scaling: 0...1 V = -40...60 °C / 0...100 %RH
- Adjusted at 23 °C and 10, 35, 80 %RH

Order code	HC2-C04	HC2-C05
Probe type	Cable probe, \varnothing 4 mm	Cable probe, \varnothing 5 mm
Accuracy	$\pm 1.5\%RH$, $\pm 0.3\text{ K}$, at 10...30 °C	
Power supply	3.3...5 VDC, adjusted at 3.3 VDC, current: $\sim 4.5\text{ mA}$	
Sensor type	ROTRONIC HYGROMER® IN-1, PT100 1/3 Class B	
Response time	<15 s, without filter	
Housing material	Stainless steel, DIN 1.4305	Brass, nickel-plated
Weight	85 g	85 g
Cable length	2 m	



HC2-C04



HC2-C05

Compatible

- Handheld instruments HP32, HP23-A
- Data loggers HL-NT3-D
- Transmitters HF5, HF8, PF4, PF5

Delivery package

- Factory adjustment certificate

Recommended accessories

- Extension cable 2 m, black E2-02A
- Teflon filter for HC2-C05 SP-T05
- Calibration device ER-05
- Humidity standard for calibration 10 %RH EA10-SCS
- Humidity standard for calibration 35 %RH EA35-SCS
- Humidity standard for calibration 80 %RH EA80-SCS