

Insertion probes

5 / 10 mm for measurements in bulk materials

APPLICATIONS

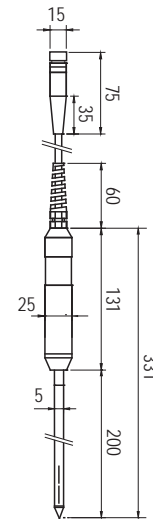
- 5 mm insertion probe: dust-free bulk materials such as tablets, grain, jelly capsules and granulates.
- 10 mm insertion probe: dusty bulk materials such as flour, sugar, etc.

FEATURES

- Range of application: -40...85 °C / 0...100 %rh
- Digital interface (UART) and scalable analog outputs, 0...1 V
- Standard configuration: 0...1 V = -40...60 °C / 0...100 %rh
- Adjusted at 23 °C and 10, 35, 80 %rh

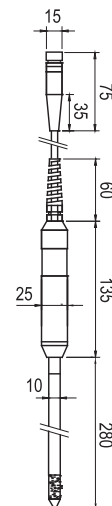
5 mm insertion probe

Order code	HC2-P05
Probe type	Ø 5 x 200 mm, insertion probe with 2 m cable
Accuracy	±0.015 aw, ±1.5 %rh, ±0.3 K, at 10...30 °C
Power supply	3.3...5 VDC, adjusted at 3.3 VDC, current: approx. 4.5 mA
Filter type	No filter available (laser-cut slots)
Response time	<15 s τ 63
Material	Stainless steel DIN 1.4305 (probe), POM (handle)
Weight	160 g



10 mm insertion probe

Order code	HC2-HP28
Probe length	Ø 10 x 280 mm
Accuracy	±0.008 aw, ±0.8 %rh, ±0.1 K, at 10...30 °C
Power supply	3.3...5 VDC, adjusted at 3.3 VDC, current: approx. 4.5 mA
Filter type	Sintered steel
Response time	<20 s, with filter τ 63
Material	Stainless steel DIN 1.4305 (probe), POM (handle)
Weight	200 g



Compatible

- Laboratory analyzer

HygroLab

Recommended accessories

- Replacement filter HC2-HP28

ET-Z10

Delivery package

- Factory adjustment certificate