

Sword probes

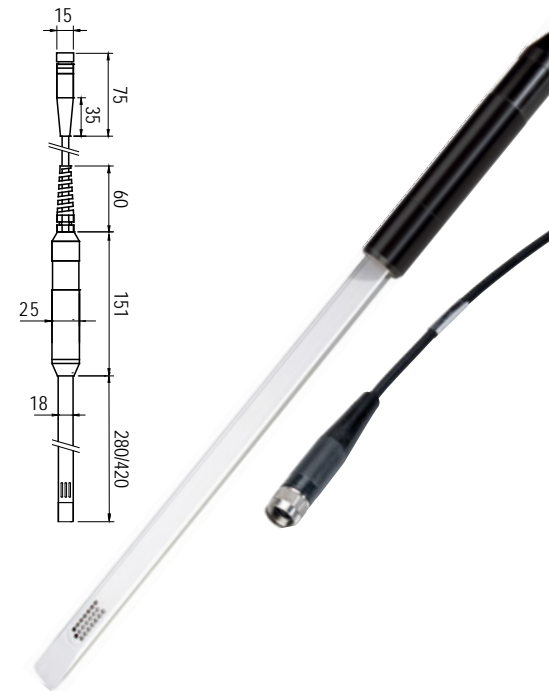
APPLICATIONS

Paper, printing and textile industries with handheld instruments and data loggers.

FEATURES

- Accuracy: $\pm 0.8\%RH$, $\pm 0.1\text{ K}$, at $10\text{...}30\text{ }^\circ\text{C}$
- Range of application: $-40\text{...}85\text{ }^\circ\text{C}$ / $0\text{...}100\%RH$
- Digital interface (UART) and scalable analog outputs, $0\text{...}1\text{ V}$
- Standard output scaling: $0\text{...}1\text{ V} = -40\text{...}60\text{ }^\circ\text{C}$ / $0\text{...}100\%RH$
- Adjusted at $23\text{ }^\circ\text{C}$ and 10, 35, 80 %RH

Order code	HC2-HS28
Probe length	280 mm
Accuracy	$\pm 0.8\%RH$, $\pm 0.1\text{ K}$, at $10\text{...}30\text{ }^\circ\text{C}$
Power supply	3.3...5 VDC, adjusted at 3.3 VDC, current: $\sim 4.5\text{ mA}$
Filter type	No filter
Sensor type	ROTRONIC HYGROMER® IN-1, PT100 1/3 Class B
Response time	$< 15\text{ s}$
Material	Aluminum (probe), POM (handle)
Weight	220 g
Cable length	2 m



Compatible

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

Delivery package

- Factory adjustment certificate
- Short instruction manual (BFC-UART)

Recommended accessories

- Calibration device (web probe) WP-14-S
- Calibration device (sword probe) EGS
- Humidity standard for calibration 10 %RH EA10-SCS
- Humidity standard for calibration 35 %RH EA35-SCS
- Humidity standard for calibration 80 %RH EA80-SCS