



## WEB PROBE

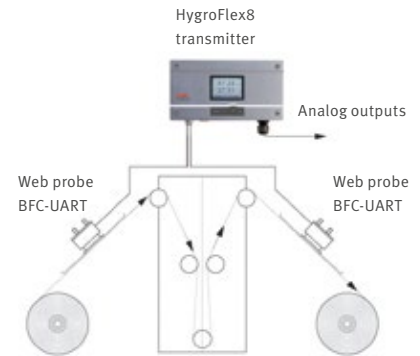
### APPLICATIONS

Paper and printing industries, production and processing of textiles, all types of production webs.

### 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)
- Adjusted at  $23\text{ }^\circ\text{C}$  and 10, 35, 80 %RH

Order code	BFC-UART
Probe type	HC2 web probe
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	Wire mesh filter
Sensor type	ROTRONIC HYGROMER® IN-1, Pt100 1/3 Class B
Response time	$<15\text{ s}$ , without filter
Housing material	Aluminum, stainless steel DIN 1.4301
Weight	1070 g
Cable length	1 m



## SWORD PROBES

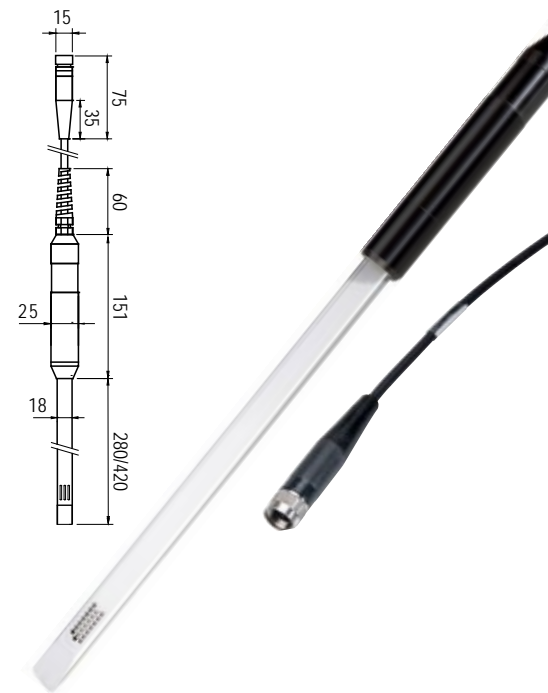
### APPLICATIONS

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	HC2-HS42
Probe length	280 mm	420 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	240 g
Cable length	2 m	



### COMPATIBLE

- Handheld instruments HP32, HP23-A
- Data loggers HL-NT2, HL-NT3, LOG-HC2
- Transmitters HF5, HF8, PF4

### DELIVERY PACKAGE

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

### RECOMMENDED ACCESSORIES

- Replacement filter (BFC-UART) ET-W37-Set
- 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
- Carry case (only HC2-HS28) AC1126