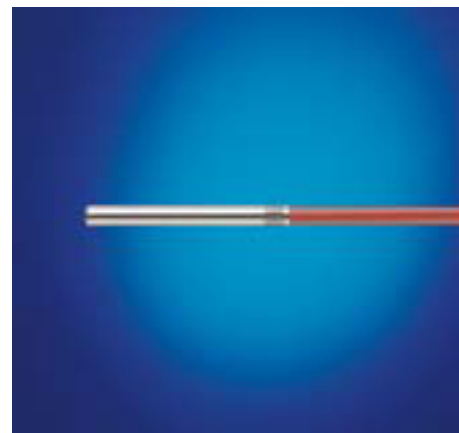
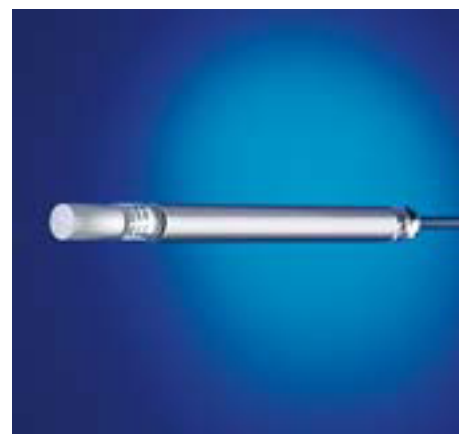


# TEMPERATURE, HUMIDITY, SNOW HEIGHT

Technical Data	Order No.
Temperature probe	8160.TF
Dimensions	Length 50mm, Ø 6mm
Output signal	Resistance
Weight	370g
Cable length	10m
Protection type	IP68
Connector	COMBICON Phönix
Operating temperature range	-50...150°C
Operating humidity range	0...100% RH
Temperature	
Principle	Pt100
Measuring range	-50...150 °C
Accuracy	±0,2°C (-30...70°C), otherwise ±0,4°C, + 1 Digit



Technical Data	Order No.
Temperature/relative humidity probe	8160.TFF10, 10m cable length
Temperature/relative humidity probe	8160.TFF50, 50m cable length
Dimensions	Length 185mm, Ø 16mm
Output signal	Resistance, frequency
Operating voltage	6...15V
Operating current	approx. 10mA
Weight	400g
Protection type	IP54
Connector	COMBICON Phönix
Operating temperature	-30...70°C
Operating humidity range	0...100% RH
Relative humidity	
Principle	Capacitive
Measuring range	0...100 % RH / accuracy ±2% RH
Temperature	
Principle	Pt1000
Measuring range	-30...70 °C / accuracy ±0,2°C
Accessories	Order No.
Measuring head for 8160.TFF10 and 8160.TFF50	8160.HC
Radiation shield	8150.SCHUW
Calibration liquid 50%	5120.050
Calibration liquid 35%	5120.035
Calibration liquid 80%	5120.080
Calibration kit	8151.KAL



Technical Data	Order No.
Snow height sensor	8365.00
Dimensions	Length 230mm, Ø 80mm
Dimensions	Temperature shield length 120mm, Ø 110mm
Lightning protection	All connections are protected with a discharge capacity of 0.6 kA
Functions	Switchable between distance and height measurement
Weight	2kg
Analogue interface	Distance/snow level (0) 4 ... 20mA (adjustable), 12 bit resolution
Digital interface	Distance/ snow level and air temperature RS232, transmission rate 1200 Bd - 19200 Bd, ASCII various protocols
Power supply	11...15VDC
Snow height	
Principle	Ultrasonic
Measuring range	0 ... 10 m
Accuracy	±0.1% of measuring range
	Resolution 1 mm
Temperature	
Measuring range	-35 ... 60 °C
Resolution	0.1 °C

