

B220B

Ambient conditions probe

Highlights



- ❖ Air temperature and relative humidity
- ❖ High accuracy, stability and repeatability
- ❖ Fully integrated with UT-ONE thermometer readouts
- ❖ Probe characterization with custom coefficients
- ❖ Calculated dew-point temperature
- ❖ Direct connection or via extension cable
- ❖ Rugged design
- ❖ Ambient conditions monitoring
- ❖ Evaluation of climatic chambers

Specifications Summary

Ambient conditions probe	
Sensor type	Sensirion SHT85
Extension cable	2 metres
Sampling period	4 seconds
Response time	1 minute (typical)
Probe characterization	Polynomial correction function
Temperature range	-20 to 70 °C
Temperature resolution	0.01 °C
Temperature accuracy	±0.5 °C
Relative humidity range	10% to 90%, non-condensing
Relative humidity resolution	0.05%
Relative humidity accuracy	±2%

Ordering Information

Description	Order code
B220B Ambient conditions probe (air temperature and relative humidity) UT-ONE thermometer readouts*	BH-B011

* B220B Ambient conditions probe is applicable only as optional accessory for UT-ONE thermometer readouts