



METEOROLOGY

HygroClip probes for agricultural and other outdoor applications

New cable probes for agricultural and outside applications are equipped with a fast sensor and new filter technology which offers significantly improved protection against the growth of biofilm. Typical applications: weather stations and data recording systems.

Applications	Use
Agriculture, OEM and meteorology	Handheld devices, data loggers, transmitters, OEM products

Highlights

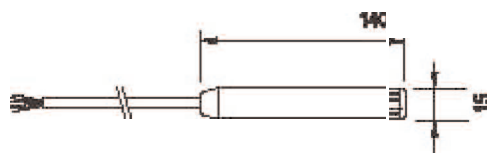
- Measures relative humidity, temperature and dew/frost point
- Hygromer® V-1 sensor
- Saves up to 2,000 readings measurement pairs *
- Range of application 0...100 %rh / -50...100 °C
- UART interface and freely scalable analog signals 0...1 V
- Standard scaling 0...1 V = 0...100 %rh / -40...60 °C
- Probe with adjustment profile «Standard», factory certificate



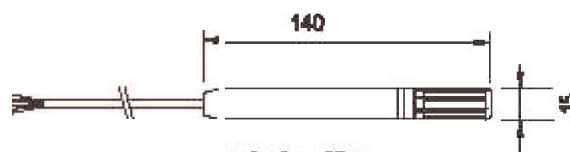
Order code	HC2-S3C03	HC2-S3C03-PT15
Adjustment	At 23 °C and 10, 35, 80 %rh	
Accuracy	±1 %rh / ±0.2 K	±1 %rh / ±0.1 K (passive Pt100)
Filter	Polyethylene, white ~ 40 µm pore size	
Color	White	
Probe	3 m TPU open-ended cable probe	PT100 1/5 Class B
Voltage	5...24 VDC / 5...16 VAC	
Dimensions	Ø15 x 140 mm	On request

* Optional, requires HW4 software

Dimensional drawings



HC2-S3C03



HC2-S3C03-PT15