

APPLICATIONS

- Essential for all weather stations
- Micro-climate mapping
- Growing degree days
- Frost alerting
- Mildew and Botrytis indices

SPECIFICATIONS

Range	-25 to +100 Celcius -13 to +212 Fahrenheit
Accuracy	+/- 0.2 C
Connector	Conxall/Switchcraft Micro-Con 3pin male
Cable	10 ft of Alpha Wire XTRA- GUARD 3 (extreme outdoor performance, direct burial rated)

DIFFERENTIATORS

- Digital bus eliminates negative influences of cabling and connectors
- Enables 12-bit precision temperature sensing on inexpensive 10-bit data nodes, such as the RS100
- Extreme-duty cabling
- Watertight, locking connector

DESCRIPTION

The XBUS type temperature sensor is unique in that it performs the critical measurement of temperature and conversion to digital value in the tip of the sensor itself. The value is then transmitted as a serial digital data value with checksum) over the cable to the base station or node. This eliminates any influence of noise or distortion from the cable connection, and enables high resolution temperature sensing – even on low resolution data nodes.



CONTACT

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