



Banner Temperature & Humidity Sensor Calibration Statement

M12FTH4Q

Method of Calibration

Banner M12FTH4Q 1-wire serial temperature and humidity sensors are carefully manufactured in compliance with Banner Engineering ISO 9001:2015 certification. Each sensor is calibrated and tested for accuracy using dedicated equipment.

Calibration occurs within a humidity and temperature controlled chamber and verified at multiple humidity set points. Temperature is maintained at a constant 25° C for the duration of the test.

NIST Traceability

Calibration of Banner temperature and humidity sensors is traceable to NIST standards by the following chain. Banner sensors are calibrated in a chamber that receives annual calibration from Fox Valley Metrology. Fox Valley performs the calibration using laboratory standards directly traceable to NIST.

Fox Valley Metrology is an ANAB accredited calibration provider in compliance with ISO/IEC 17025:2017.

Certificate of calibration for a serialized sensor will be provided within the unit packaging from Banner. Certificate of calibration of the manufacturing humidity chamber may be requested through Sales or Customer Service from the Quality department of Banner Engineering. In the request, please provide the either the serial number of the sensor or Calibration Date from the Certificate of Factory Calibration.

A handwritten signature in black ink, appearing to read "Ryan Wreede".

Ryan Wreede

Quality Engineer

October 28, 2022

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