



TREND HT-S-CC Space Humidity and Temperature Sensor Instruction Manual

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TREND HT-S-CC Space Humidity and Temperature Sensor Instruction Manual



Important: Retain these instructions

These instructions shall be used by trained service personnel only. If the equipment is used in a manner not specified by these instructions, the protection provided by the equipment may be impaired.

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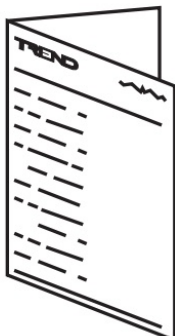
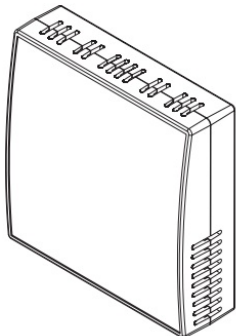
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HT-S, HT-S-CC Installation Instructions (TG200990)



Certification certificate HT-S-CC only

TASSERON
SENSORS & CONTROLS

Measurement certificate

Certificate No. : 00208001 001
Model : TSS4000C
Chipset : HT-S-CC
Serial No. : 000000000001

We hereby certify that above listed products are manufactured in compliance with the applicable technical standards. All used materials and components have passed the Tasseron quality assurance system. The quality assurance system is independently audited by an external notified body. Manufacturing, quality testing and calibration is done in accordance with the procedures as laid out in the quality assurance system.

The products are calibrated with tools and materials which are calibrated against standards traceable to international standard units, acknowledged by the national metrology institute, the BIPM, NIST or other recognized national standard laboratories.

Traceability Information

Instrument description	Serial No.	Certificate No.	Exp. Date
Waters Technich Lab/anal/1 C150000's with reference sensor	0020100100	00208001	2020-12-08
Karlberg digital Multimeter 2750	0077676	0077680	2020-09-02

Test results

	Reference Value	Measured Value
Temperature	20.0 °C	20.0 °C
Relative Humidity	50.0 %RH	50.0 %RH
Relative Humidity	60.0 %RH	60.0 %RH
Relative Humidity	70.0 %RH	70.0 %RH

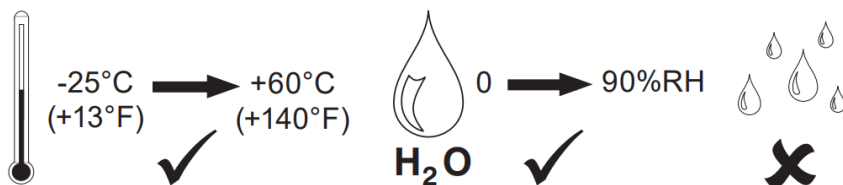
The values listed above are valid only under the above conditions and at the time of measurement.

Inspector: _____ Technician: _____

2020-08-01

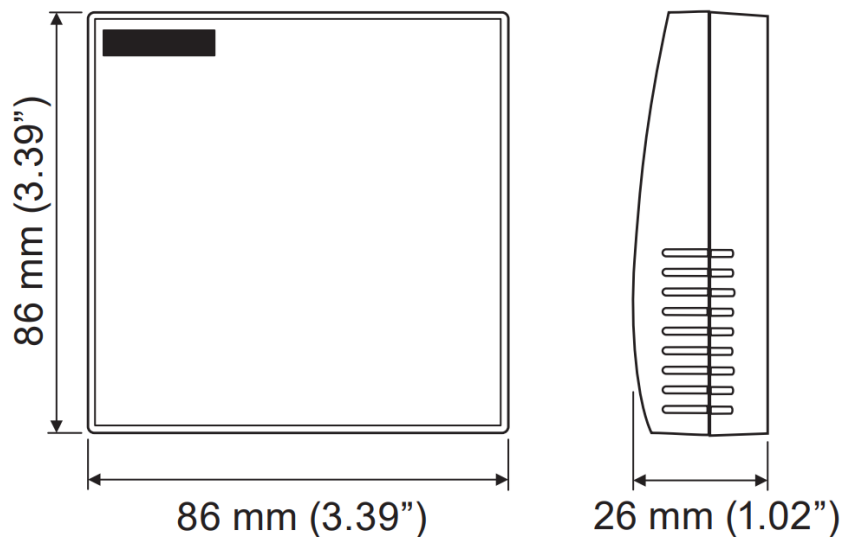
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STORING



INSTALLATION

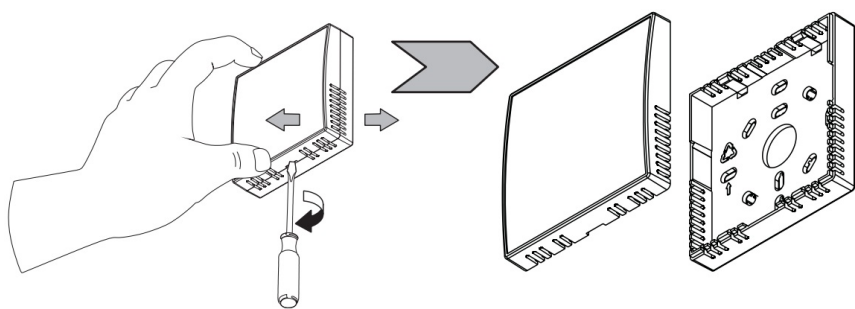
Dimensions



It is recommended that the installation should comply with the local electrical safety installation practices (e.g. HSE Memorandum of Guidance on Electricity at Work Regulations 1989, USA National Electric Code).

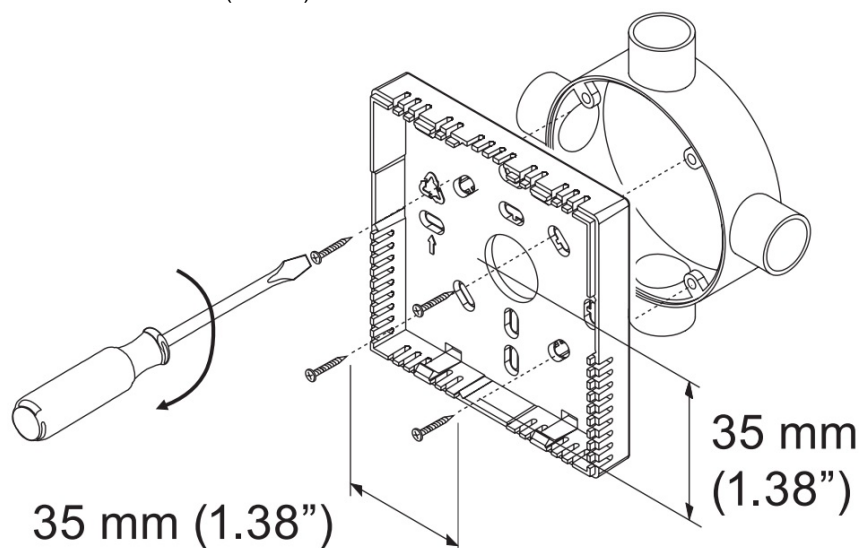
Mounting Requirements

Remove Backplate

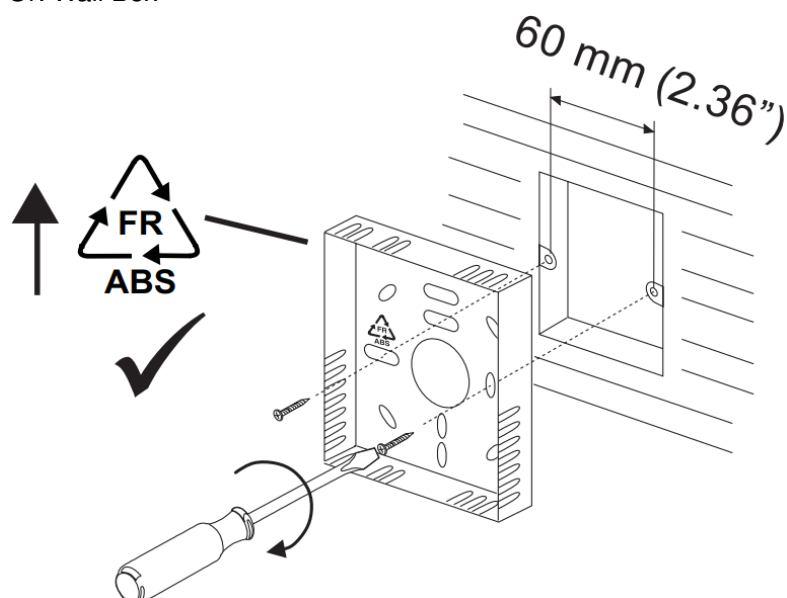


Mount Back plate

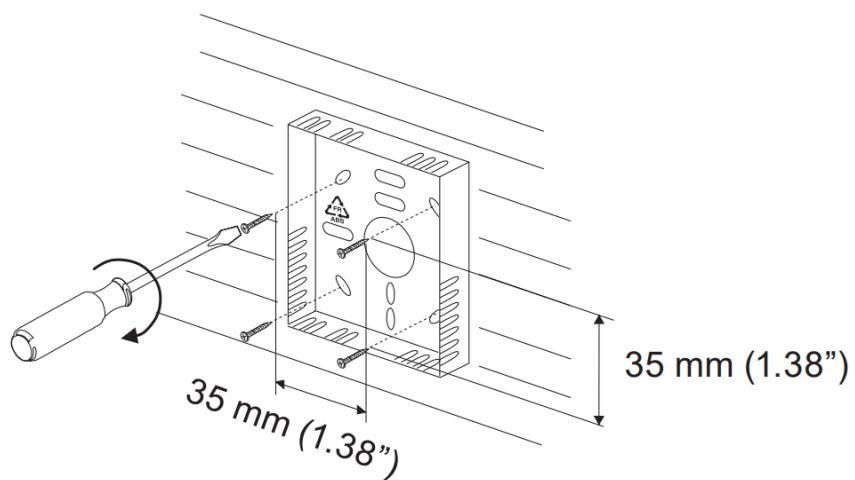
Either: Back Box (BESA)



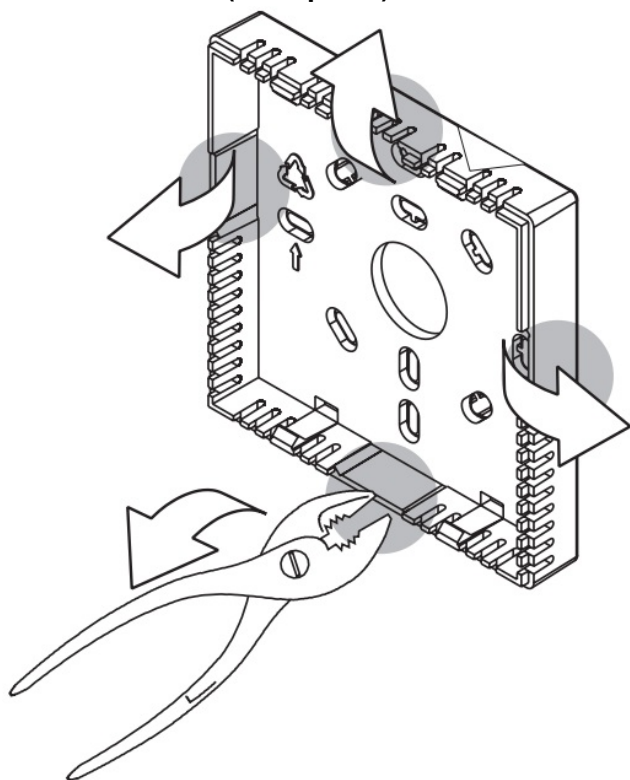
Or: Wall Box



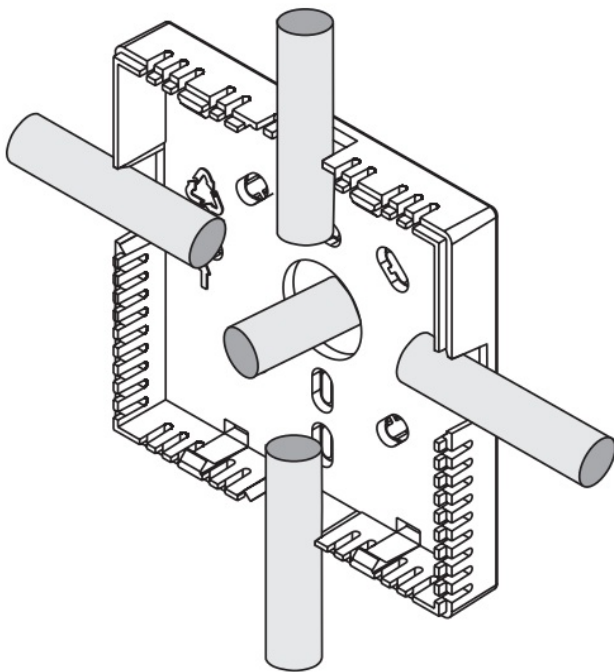
Or: Wall (surface mount)



Remove Cutouts (as required)

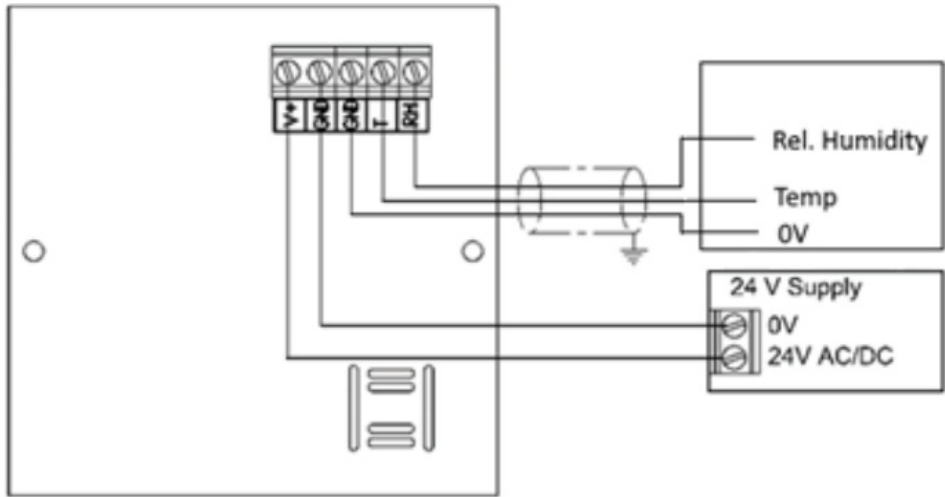


Route Cables

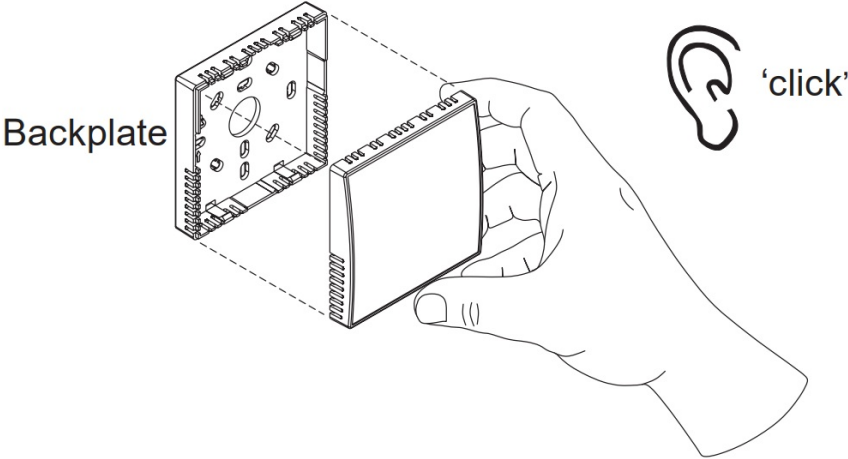


Connect to Controller

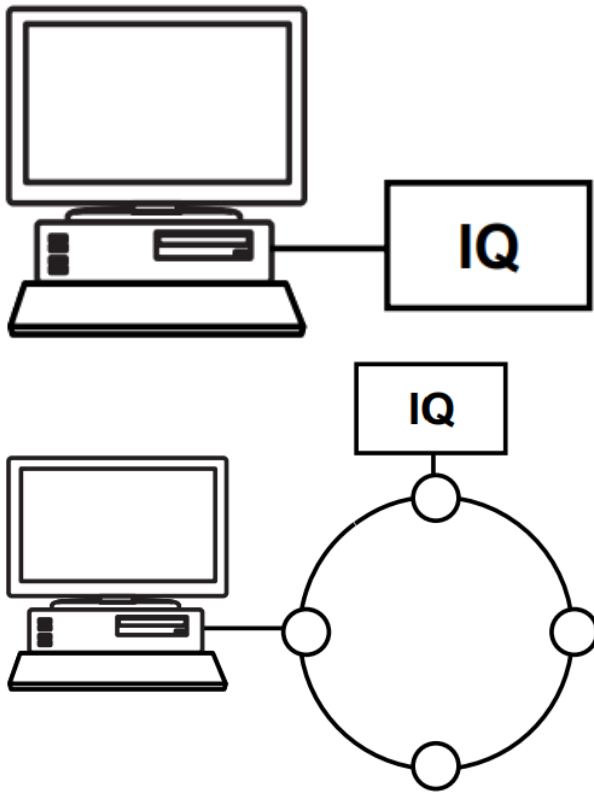
Refer to controller documentation for connection details



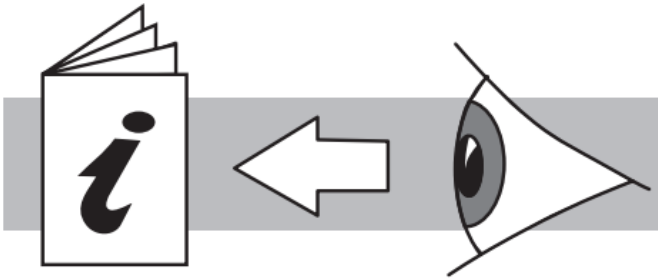
Assemble Unit



Configure Controller



IQ Configuration Manual (90-1533)
IQ3 Configuration Manual (TE200768)
IQ4 Configuration Manual (TE201263)



Set up IQ Sensor Types

Use **SET** to setup the sensor type module to use the appropriate 'Unique Sensor Reference'.

Temperature

0 to 10 V for 0 to +40 °C (32 to 104 °F)

Humidity

0 to 10 V for 0 to 100 %RH. Measurement range 0 to 95 %RH

CLEANING AND MAINTENANCE

Over time, the sensing element may become covered in dust.

The dust can be removed using compressed air. Under no circumstances should water or cleansing agents be used on the sensing elements.

DISPOSAL



WEEE Directive:

At the end of their useful life the packaging and product should be disposed of by a suitable recycling centre. Do not dispose of with normal household waste. Do not burn.

Please send any comments about this or any other Trend technical publication to techpubs@trendcontrols.com

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St. Mark's Court, North Street, Horsham, West Sussex, RH12 1BW, UK. Tel: +44 (0)1403 211888,
www.trendcontrols.com

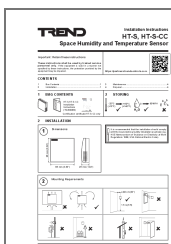
HT-S, HT-S-CC Space Humidity and Temperature Sensor Installation Instructions TG200990 Issue 7, 16-Aug-2023.

Symbols



TREND

Documents / Resources



[TREND HT-S-CC Space Humidity and Temperature Sensor](#) [pdf] Instruction Manual
HT-S-CC Space Humidity and Temperature Sensor, HT-S-CC, Space Humidity and Temperature Sensor, Humidity and Temperature Sensor, Temperature Sensor, Sensor

References

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- [🌐 Pages - default](#)

Manuals+.