Sense Anywhere
SIMPLY SMARTER

DATASHEET

TEMP ONLY MODULE 01-01-30

TEMP ONLY MODULE FOR DYNAMIC ENVIRONMENTS!

Product Description

The Temp Only Module from SenseAnywhere is a small connector with enormous potential. The module can accurately monitor temperatures from -40°C to +70°C. The powerful Temp Only module has a swift response time because the sensor is exposed to the environment directly and has minimal material around it. The module is exceptionally suitable for measuring temperature in dynamic environments.

Mapping or validating of refrigerators and freezers as well as small cold stores or vehicle cargo spaces can be accurately and easily performed with our AiroSensor model 20-20-43 with this module installed. The module easily meets the highest accuracy class (0.2°C) of the EN12830:2018 standard for data loggers over its complete temperature range. In addition, the Temp Only Module can also be used for reference measurements in the field. Due to its swift response time, the module can be placed besides an existing data logger to verify its measurements while it performs its task without any downtime.

Complementary to its size, the Temp Only module can be used in hard to access spaces where a standard AiroSensor will not fit or does not have a good wireless connection due to shielding. To separate the module from the AiroSensor, SenseAnywhere has SAB Extension Cables available with different lengths up to 10m long. The module can be combined with SenseAnywhere's SAB Extension Cables, which allows products with a SenseAnywhere Bus (SAB) interface to be connected. In this way, you can connect the cable between an AiroSensor model 20-20-43 and the Temp Only Module to transfer its measurements to the data logger from the most inaccessible locations. Beneficial to the integrated electronics in the connector, the Temp Only module can be calibrated as an individual device to ensure all measurements are accurate.

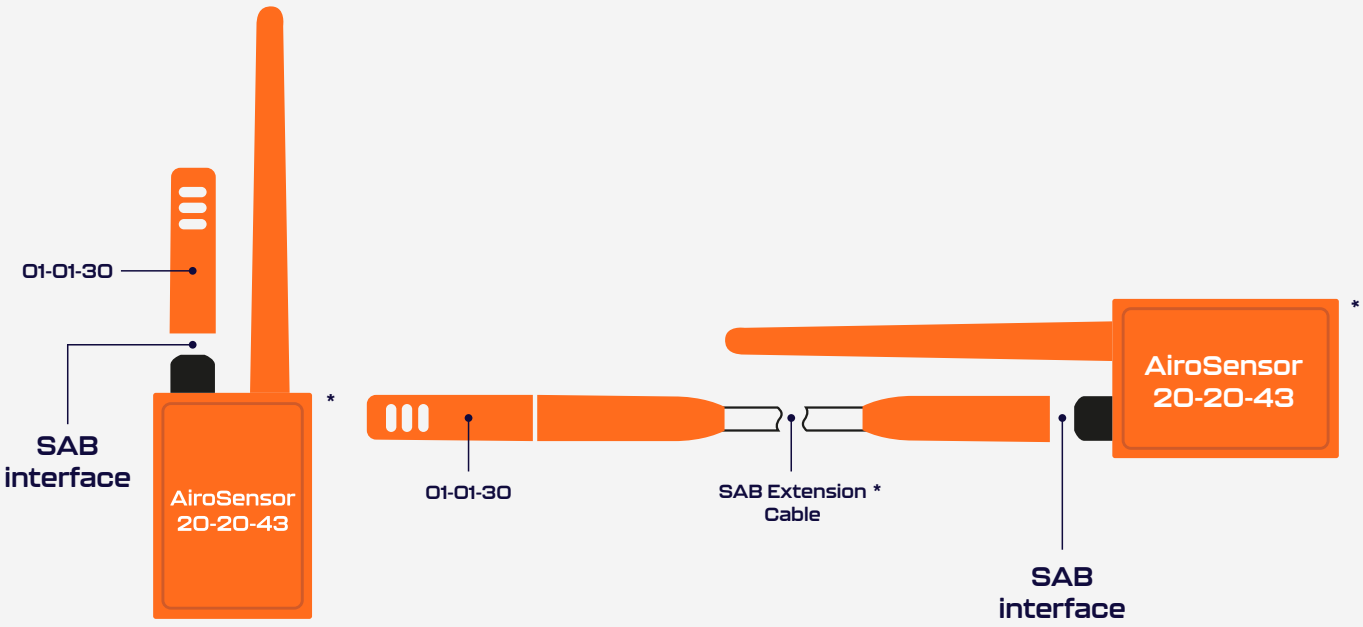


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Connector/Interface	4-pin SenseAnywhere Bus
Casing Material	PA (UL 94 V-0)
Dimensions Connector	Ø 11.5mm x 48mm/ 0.45in x 1.89in
Protection Class	IP62
Temperature Range	-40˚C to +70˚C *
Accuracy	Max. ±0.10˚C (0˚C to 70˚C) ±0.18˚F (32˚F to 158˚F) Max. ±0.15˚C (-40˚C to 0˚C) ±0.27˚F (-40˚F to 32˚F)
Resolution	0.01˚C / 0.018˚F
Long Term Stability	≤ 0.01˚C / year ≤ 0.018˚F / year
Logging Interval	5 minutes
Compatibility	EN12830:2018 Accuracy class 0.2, Software class III, storage & transport
EAN:	96647495101
* Do not (dis)connect the connector at temperatures below -25˚C	

Technical operation diagram



*AiroSensor 20-20-43 is sold separately.

*SAB Extension Cable is sold separately.