

BlueSense-Temp

BLE Transmitter with NTC Temp Sensor (0-200 degC), 2 xAA Alkaline Batt

BlueSense is a battery operated industrial BLE based Temperature sensor using an external NTC lug based Temperature sensor. It is ideal for using in factory shop floor to monitor temperature of motors /gearboxes especially those which are hard to access . The data is transferred over BLE to BLE gateway within 50 -80 metres . The Gateway can then send the data over RS485 Modbus to the nearest PLC /RTU or IOT Gateway

Specifications

Input

1) Lug type NTC 0-200 degC

Communication

BLE 5.0 ,2.4 GHz between device & reader
RS485 Modbus between Reader & Gateway
WiFi between Reader & Gateway

Isolation

Not Applicable

Output

BLE Gateway -485
Modbus RS485
Parameters for One Temperature Sensor

- Temperature Value (0 to 200.0 degC)
- Battery %
- RSSI

Indications

BLE Gateway
Red LED for Power Present
Green LED for Modbus Connectivity

Output accuracy

+/- 0.25% of span

Display accuracy

Not Applicable

Power supply

BLESense : 2 x AA Sensor
(Minimum 1year)
BLE Gateways : 10-30 VDC

Power consumption

1 VA max.

Dimensions

23.2 x 101 x 93.5 mm(W x H x D).
Enclosure ABS Screw Terminal Connection ,
Wall Mount

Ambient temperature

0 - 60° C.

Storage temperature

0 - 70° C.

Humidity

90% RH (non-condensing)



BLE Sensor



BLE Reader-485

Ordering Info:-

BlueSense-Temp :BLE Transmitter with NTC Temp Sensor (0-200 degC),
2 xAA Alkaline Batt.



**Micro System
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