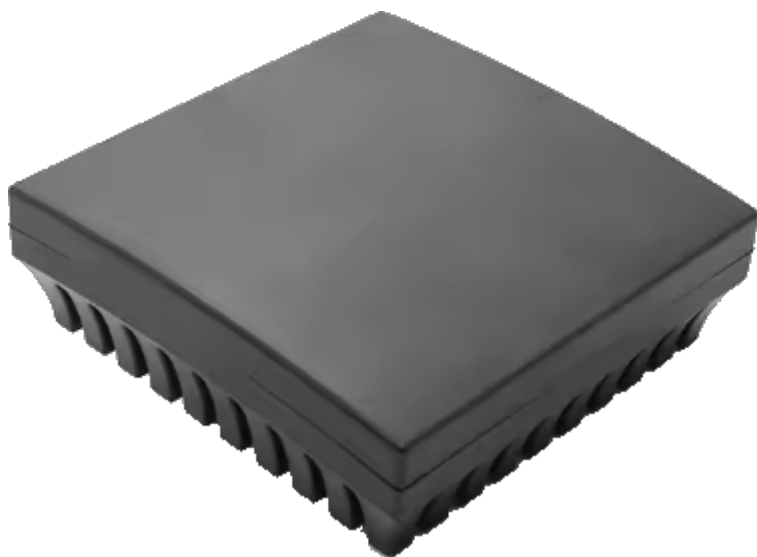


# TS-S

temperature sensor, iBeacon transmitter, RS485 for graphical touch display



|               |                |
|---------------|----------------|
| Model number: | <b>TS-S</b>    |
| Mounting:     | Field, on wall |

## Features

- IEX-2 module
- temperature sensor
- iBeacon transmitter
- RS485 for touch display

## Technical specification

| Temperature sensor   |                                                              |
|----------------------|--------------------------------------------------------------|
| Operating range      | 0 °C to +50 °C                                               |
| Measuring error      | ±0.5°C typ. (0°C to +50°C)                                   |
| Resolution           | 0.1°C (12 bit)                                               |
| Readout              | 0.1°C (254 equals 25.4°C)                                    |
| Beacon               |                                                              |
| Bluetooth protocol   | BLE 5.0                                                      |
| Frequency band       | 2.4GHz                                                       |
| Broadcast range      | 5                                                            |
| Advertising interval | 500ms                                                        |
| Local name           | CYBRO                                                        |
| Touch display        |                                                              |
| Protocol             | page/event, IEX to serial                                    |
| Interface            | RS485, 115200bps 8n1                                         |
| Galvanic isolation   | none                                                         |
| Cable length         | 50m                                                          |
| General              |                                                              |
| Power supply         | 24V (18..28V), 50mA                                          |
| Terminals            | push-button cage clamp 3.5mm                                 |
| Wire diameter        | stranded 0.2..1.5mm <sup>2</sup> , solid to 1mm <sup>2</sup> |
| Cable diameter       | 8mm max.                                                     |
| Operating conditions | 0..50°C, 0..85% rh non-condensing                            |
| Storage temperature  | -20..75°C                                                    |
| Degree of protection | IP20                                                         |
| Dimensions           | 80x80x25mm                                                   |
| Weight               | 100g                                                         |

## Dimensions & Mounting

