**Validation Solutions**

# TrackSense® Pro Micro Wireless Data Logger
## Rigid Temperature Sensor

## Key Features & Benefits

✓ Extremely slim design for applications that require small diameters

✓ Suited for measurements inside e.g. bottles during pasteurization and sterilization/retorting

✓ Works in conjunction with the ValSuite® validation & calibration software

✓ FDA 21 CFR Part 11 compliant

✓ Temperature range of **-20 to +140 °C**

✓ Industry leading accuracy of **± 0.05 °C**

**Temperature Measurements**

## TrackSense® Pro Micro Data Loggers

The wireless TrackSense® Pro Micro data loggers consist of immensely resistant stainless steel with high-end technology that allows for accurate and stable measurements when performing various thermal processes.

All TrackSense® Pro Micro data loggers are designed with minimal size in mind, allowing for internal mounting in various containers and products in order to measure the temperature and pressure.

Ellab's data loggers are easy to activate and read by the Multi reader station. Utilizing the numerous functions of the FDA 21CFR Part11 compliant ValSuite™ software, data is easily analyzed and distributed through various report options.

Interested in this product? Contact sales today

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## Technical Specifications

| Sensor: | Rigid Temperature Sensor |
|---|---|
| Temperature Measuring Range: | -20 to +140 °C |
| Measuring Principle: | Electrical Resistance |
| Sensor Element: | Pt1000 |
| Sensor Diameter: | 2 mm |
| Position of Measuring Point from Tip: | 3 mm |
| Accuracy: | ± 0.05 °C |
| Sensor Response Time: | |
| T-63%: | 1.6 Second |
| T-90%: | 2.4 Seconds |
| Operating Temperature: | -20 to +140 °C |
| Operating Pressure: | 0 mBar to 10 Bar ABS |
| Material: | 316L Stainless Steel |
| Volume: | 3.9 cm$^3$ |
| Logger Diameter: | 15 mm |
| Logger Height: | 22 mm |
| Weight with Battery: | 14 Grams |
| Memory Capacity: | 14,500 Data Points / 14,500 Samples |
| Minimum Sample Rate: | 0.33 Second |
| Maximum Sample Rate: | 24 Hours |
| Intrinsically Safe: | Not ATEX approved |
| Battery: | 2 TSP Micro Batteries |