

# TrackSense® Pro Basic L Wireless Data Logger

## Temperature Thermocouple Sensor

### Key Features & Benefits

- ✓ Ideal for freeze drying applications that highly strain wires
- ✓ Very thin thermocouple wire (AWG30) with low impact on product temperature
- ✓ Unique [interchangeable sensor option](#)
- ✓ Real-time data option with [Sky module](#)
- ✓ Works in conjunction with the [ValSuite®](#) validation & calibration software
- ✓ FDA 21 CFR Part 11 compliant
- ✓ Temperature range of **-30 to +62 °C**
- ✓ Industry leading accuracy of **± 0.3 °C Calibrated**



### TrackSense® Pro Basic L Data Loggers

The wireless [TrackSense® Pro Basic L data loggers](#) are made of a high resistant stainless steel with cutting edge technology that allows for immensely accurate and stable measurements when performing various thermal processes.

All TrackSense® Pro data loggers are configured with [interchangeable sensors](#) able to measure temperature, vacuum, relative humidity, pressure, conductivity and CO<sub>2</sub>.

Ellab's data loggers are easily activated and read by the [Multi reader station](#). When combined with the [Sky module](#), data loggers can provide real time data via wireless communication. Utilizing the numerous functions of the FDA 21 CFR, Part 11 compliant [ValSuite™ software](#), data is easily analyzed and distributed through various report options

Interested in this product? [Contact sales today](#)

## Technical Specifications

<b>Sensor with this logger configuration:</b>	<b>Temperature Thermocouple Sensor*</b>
Temperature Measuring Range:	-30 to +62 °C (Calibrated from -60 to +60 °C) -30 to +85°C when keeping the logger at ambient temperature
Measuring Principle:	Thermoelectric Effect
Sensor Element:	Thermocouple
Accuracy:	± 0.3 °C Calibrated
Position of Measuring Point from Tip:	0 mm
Cable Length:	10, 30, 50 or 100 cm
Cable Dimensions and Type:	0.55 x 0.95 mm type AWG30 with naked tip
Sensor Response Time:	
T-63%:	0.03 Second
T-90%:	0.09 Second
<b>Logger with this sensor configuration:</b>	<b>Pro Basic L 3G</b>
Operating Temperature:	-30 to +62 °C
Operating Pressure:	0.001 mBar to 4 Bar ABS
House Material:	316L Stainless Steel
Diameter:	25 mm
Length:	68.8 mm
Weight with Battery:	80 Grams
Memory Capacity:	120,000 Data Points / 40,000 Samples
Minimum Sample Rate:	1 Second
Maximum Sample Rate:	24 Hours
Maximum Start Delay:	14 Days
Intrinsically Safe:	Not ATEX approved
Time Accuracy:	± 5 Seconds Per 24 Hours
Battery:	<a href="#">TS Frigo 85L Battery</a>

\*Requires ValSuite™ 5.1.0.11 or later and logger firmware version 26.9 or later.