TS - Temperature Sensor Logger
Temperature sensor with switch

Technical data

Application areas

- Food cold chain management and self-monitoring (EN12830, EN 13485)
- Pharmaceutical transport and storage (EN17025, EN15189)
- Cold, chilled and frozen transport and storage (from -40°C)
- Heated transport and storage

Locations

- Shops, warehouses, restaurants, kitchens, kiosks, service stations
- Pharmacies, hospitals, transport companies and freight forwarders
- Refrigerators, cold rooms, freezers
- Transport boxes, tanks and containers

Operation

- Internal memory for over 13700 measurement values (37 days)
- 5 min measurement interval
- Measurement interval, start delay and limit values programmable
- Compatible with Seemoto base stations

- Operating range 200 - 400 m in unobstructed space

Benefits

- Automatic temperature data self-monitoring system
- Up-to-date temperature data
- Meets EN12830 and EN13485

- Very easy to install
- Weatherproof and watertight (IP68) enclosure
- LED indicator lets recipient immediately see whether limits were maintained

Features

- Accurate, individually calibrated temperature sensor with switch
- 2.4 GHz wireless, digitally verified data transfer
- Snap-on attachment to back plate
- Extremely low power consumption - operating time 8-12 years
- Device-specific temperature limits
- Green / red LED indicator shows immediately whether temperature stayed within limits

Use

- Wireless temperature measurement
- Operating temperature -40 °C ... +85 °C
- Remote management and adjustment
- Location, route and schedule tracking at system level

Reporting

- Temperature; resolution 0.1 °C, measurement accuracy ±0.3°C
- Battery voltage monitoring
- Radio network level (RSSI)

Size and weight

Sensor

Size: 71 x 37 x 12 mm
Weight: 32 g

Back plate

Size: 97 x 62 x 12 mm

Standards

- EN 12830:1999; S; T; C; D; 1
- EN 13485:2001
- EN 301 489-1 / -7 / -17 and Directive 2006/28/EC
- EN 300 328
- EN 61010-1