SythSense wireless control and measurement, effective and flexible

**WIRELESS PRODUCT RANGE**

**TEFL Room Transmitters with Range of Options**
- Wireless Room Temperature and Humidity Transmitters with Multiple Options
- Long and Reliable Transmission Range
- Battery Powered up to 6 years (24Vac/dc option)
- Temperature and Humidity Versions
- 5-Position Switch, LCD, Setpoint and Digital Contact Options
- Accurate Measurement and Transmission to FLTA

**TEU-FL Generic Transmitters**
- Wireless Temperature and Generic Analogue Signal Transmitters
- Long and Reliable Transmission Range
- Battery Powered up to 6 yrs (24Vac/dc on request)
- For use with any type Pt100 Sensor e.g. Duct, Strap-On, Flying Lead
- 0..10Vdc Input for use with CO2, Pressure, Wind Speed, Solar Radiation etc.

**KLU-FL Humidity and Temperature Transmitters**
- Wireless Room Temperature and Humidity Transmitters with Multiple Options
- Long and Reliable Transmission Range
- Battery up to 6 yrs or 24Vac/dc power supply
- Light Level Measurement with LUX1 Light Level Sensors
- Humidity Accuracy ±2% rH
- Configuration using FLSER Service Tool

**FLREPU Outside / High Power Repeaters**
- High Power Repeaters for Internal or Outdoor Use
- ≥ 0.75Vac Power Supply
- IP54 Enclosure
- Extends the Wireless System Transmission Range
- Listens and Automatically Transmits Weak Signals from the Wireless Transmitters and IO-Modules
- Up to 8 Repeaters in a Single Network
- Configured via FLSER Service Tool

**FLSER Service and Network Setup Tool**
- Addressing Wireless Transmitters and Repeaters
- Signal Strength Testing for Optimal Positioning of the Sensors and IO-Modules
- Can act as a Repeater for Test Purposes
- Configures RY-FL Inputs and Outputs
- Battery Powered
- LCD Display with Simple Operation

**RY-FL Input/Output Modules**
- Wireless Input/Output Modules for Effective Zone Control or Monitoring
- Works with FLTA Control Module
- 2 Inputs, configurable DI (voltage-free) or AI (0..10Vdc)
- 2 Outputs, configurable DO 230Vac SPDT or AO (0..10Vdc, PWM Triac Parallel)
- 230Vac Power Supply with Aux 24Vac Power Supply for Transmitters

**LA-FL Wireless Occupancy**
- Wireless Occupancy Sensors
- Long and Reliable Transmission Range with Range Extenders
- Battery Powered up to 3 years
- Measurement Range up to 12m
- Measurement Angle up to 140°
- Hold-Off Delay Configured at FLTA

**FLTA Receivers / Modbus Interfaces**
- Wireless Receiver and Control Module
- 8 x 0..10Vdc Control Outputs, Fully Configurable
- Modbus RS-485 Interface Built-In
- LCD Display for Live Data Readings, Signal Strength and System Configuration
- Out of Range and Battery Level Monitoring
- FLTA-KP10 Version for HRP/LRP Controllers

**FLREP Repeaters for Indoor Use**
- Wireless Repeater for Indoor Use
- ≥ 0..10Vac/dc Power Supply
- Extends the Wireless System Transmission Range
- Listens and Automatically Transmits Weak Signals from the Wireless Transmitters and IO-Modules
- Up to 8 Repeaters in a Single Network
- Configured via FLSER Service Tool

**WIRELESS SYSTEM OVERVIEW**

**Wireless Temperature and Humidity Transmitters**
- ±2% rH Humidity Accuracy
- Long and Reliable Transmission Range

**FLTA Wireless IO-Module**
- 8 x 0..10Vdc Control Outputs, Fully Configurable
- Modbus RS-485 Interface Built-In
- LCD Display for Live Data Readings, Signal Strength and System Configuration
- Out of Range and Battery Level Monitoring
- FLTA-KP10 Version for HRP/LRP Controllers

**WIRELESS RANGE FEATURES**
- 868.3 MHz Operation Frequency
- Modern FSK Modulation Provides Reliable and Long Transmission Range
- Single Network can Support up to 99 Wireless Devices (max. 20 RY-FL IO-Modules)
- Up to 63 FLTA Networks covering Requirements to Most Demanding Applications
- Wide Range of Transmitter Options and Repeaters, the System can grow with the Requirements
- Comprehensive RS-485 RTU Modbus Interface for Measurements and Control
- Easy to Configure and Robust
- Loan Units Available for Actual Site Tests - Prove It and be Sure!

**IDEAL FOR**
- Old and Protected Buildings
- Tanked Areas
- System Fault Finding and Monitoring
- Zone Enhancements
- Project Cost Reductions

www.sythsense.com