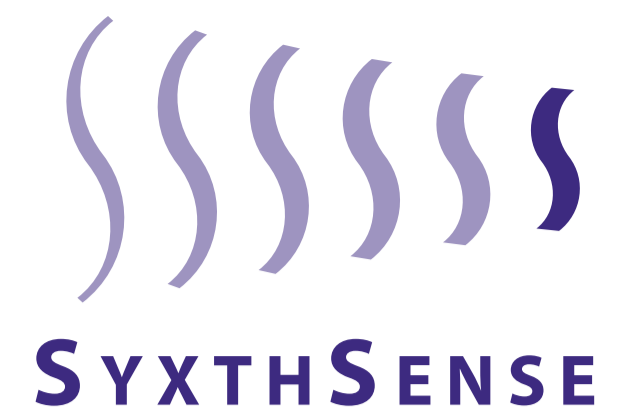


# SyxtSense wireless control and measurement, **effective** and **flexible**



## 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



### RY-FL Input/Output Modules

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



### 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 Pt1000 Sensor e.g. Duct, Strap-On, Flying Lead
- 0..10Vdc Input for use with CO2, Pressure, Wind Speed, Solar Radiation etc.



### 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



### 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 LUX11 Light Level Sensors
- Humidity Accuracy  $\pm 2\%$  rH
- Configuration using FLSER Service Tool



### 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-U Outside / High Power Repeaters

- High Power Repeaters for Internal or Outdoor Use
- 24Vac/dc 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



### FLREP Repeaters for Indoor Use

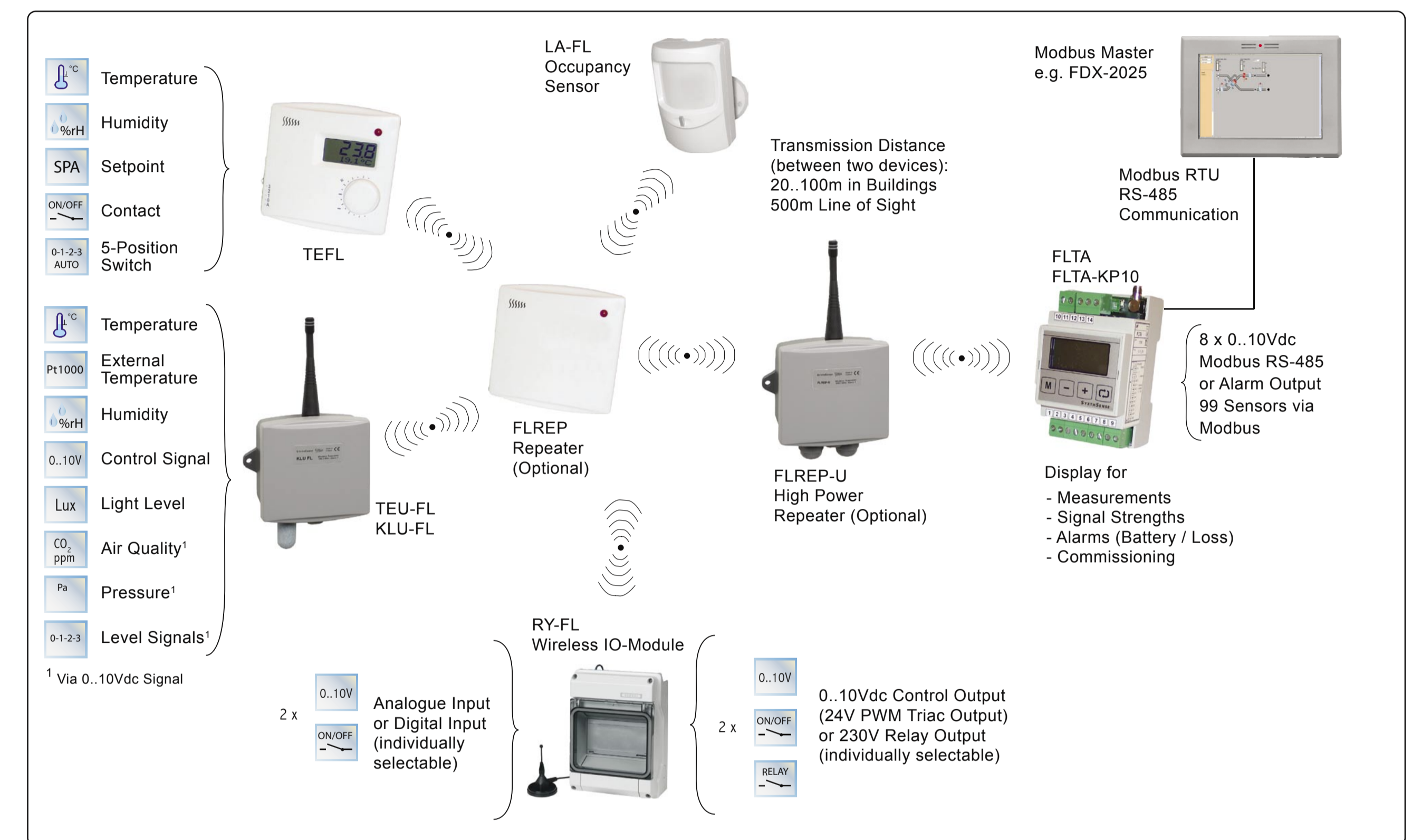
- Wireless Repeater for Indoor Use
- 12-24Vac/dc Power Supply
- Extends the Wireless System Transmission Range
- Listens and Automatically Transmits Weak Signals from the Wireless Transmitters and IO-Modules
- Up to 8 Repeaters in a Single Network
- Configured via FLSER Service Tool



### 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

## WIRELESS SYSTEM OVERVIEW



### WIRELESS RANGE FEATURES

- 868.30 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
- Ease 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