

Wireless Integration

Aesthetically designed to compliment any decor, the Reliable Controls® SMART-Sensor™ EnOcean Accesspoint (SSEA) opens the door to EnOcean wireless integration with the MACH-System.



Better by design

Tech Specs

Supply Voltage (from controller)

- SSL - 5 VDC @ 35 mA

Transceiver

- Frequency: 315.0 MHz (TCM 300C)
- Data rate/Modulation type: 125 kbps/ASK
- Receiver sensitivity (@ 25 °C): -98 dBm (315 MHz)
- Conducted output power: typ. 5 dBm
- Radio regulations: FCC CFR-47 Part 15 (TCM 300C)

Transmission Range

- 30 m (100 ft.) line of sight

Temperature Specifications

- 10-bit linear active thermistor
- Range: -8 °C to 39 °C (18 °F to 102 °F)
- ± 0.05 °C (0.09 °F) resolution
- User calibrated to ± 0.1 °C (0.18 °F) accuracy

Button

- Standard silicon rubber override button
- Red and green LEDs mounted in the button for programming status and feedback

Piezo Buzzer

- 2 kHz buzzer for programming status

Dimensions

- 12 cm L x 7 cm W x 2.4 cm H (4 3/4" L x 2 3/4" W x 15/16" H)

Weight

- 0.09 kg (0.195 lb.)

Ambient Limits

- Operating: -8 °C to 39 °C (18 °F to 102 °F)
- Shipping: -40 °C to 60 °C (-40 °F to 140 °F)
- Humidity: 10% to 90% RH non-condensing

Features

EnOcean Enabled

- Fully compatible with existing EnOcean system components
- EnOcean is the wireless standard for sustainable buildings

SMART-Net

- Communicates with all Reliable Controls® products using SMART-Net port
- Max. of 8 SSEAs per SMART-Net
- Occupies two traditional SMART-Sensor addresses

Aesthetic Design

- Smooth contoured lines
- Slim profile

Programming

- Dedicated temperature and setpoint objects
- 18 user-programmable points from EnOcean devices (some sensors take multiple points)
- Learn button scans all EnOcean devices within range
- LED status for learned devices

Connection and Addressing

- Configure network address of SSEA using DIP switches
- Valid addresses are 1–16
- Easy 4-wire connection (screwless spring loaded)
- Recommended wire is 24 AWG solid core only Cat3, Cat5, 6, 6E, or equivalent

Signal Strength Mode

- Indicates received signal strength in software

Warranty

- 5 years

Certification

- FCC CFR 47 Part 15 Class B

Ordering

SSEA (base model)

- SMART-Sensor™ EnOcean Accesspoint transceiver with dedicated linear active thermistor

Options

- S adds slider

Accessories

SSE

- Wireless SPACE-Sensor™ EnOcean with dedicated linear active thermistor

APPLICATION DIAGRAM

