ILLUMRA™
Self-powered Wireless Controls

Wireless Room Temperature Sensor

SR04	SR04PST	SR04P rH
SR04P	SR04P MS	SR04PT rH
SR04PT	SR04 rH	SR04P MS rH

The Wireless Room Temperature Sensor sends a radio signal to a receiver immediately when the occupied or LEARN button is pushed, and at regular intervals otherwise. Features include an occupancy push button and temperature adjustment knob.

Easy-To-Use
- Installs in minutes
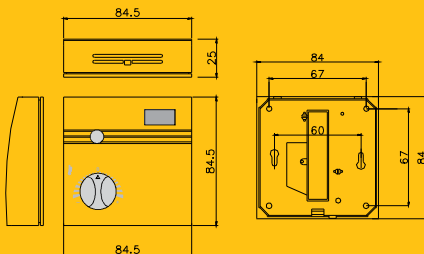- Easy configuration
- Simple control interface

Reliable Range
- 50-150 foot range (typical)
- A single Temperature Sensor can communicate to unlimited receivers within range
- Repeaters available for added range

Save Energy, Time, and Money

Improve the effectiveness of HVAC systems; add Wireless Room Temperature Sensors in areas without a thermostat. Wireless Room Temperature Sensors quickly surface mount almost anywhere, keeping installation costs low.

SR04 - Room temperature sensor only

SR04P - Room temperature sensor with set point adjustment

SR04PT - Room temperature sensor with set point adjustment, presence key (pictured)

SR04PST - Room temperature sensor with set point adjustment, presence key, fan speed switch

SR04P MS - Room temperature sensor with set point adjustment, slide switch O/I

SR04 rH - Room sensor humidity/temperature

SR04P rH - Room sensor humidity/temperature with set point adjustment

SR04PT rH - Room sensor humidity/temperature with set point adjustment, presence key

SR04P MS rH - Room sensor humidity/temperature with set point adjustment, slide switch O/I

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Wireless Remote Temperature Sensing
- Default solar power
- Optional lithium battery power
- Optional occupancy push button, setpoint and fan speed selectors
- Adjustable wake up and signal intervals

Energy Efficient Climate Controls
Use this wireless transmitter with the following ILLUMRA products:
- 24VAC Wireless Thermostat
- RS-232 Serial Box
- ILLUMRA Ethernet Gateway

	SR04xx
Technology	Enocean, STM
Transmitting Frequency	315.0 MHz
Antenna	Type: Helix, Gain: -3dBi
Transmitting Range	approx 50-150 feet in buildings

Temperature Detection	Range	0°C to 40°C
	Resolution	0.15 K
	Absolute Accuracy	typ. +/-0.4K
Optional Humidity Sensor	Range	0-100% rH
	Resolution	0.4% rH
	Absolute Accuracy	+/-3% range 30%... 80%
	1 Point Calibration	50%
Optional Set Point Adjustment P	Range	0 to 270° angle of rotation
	Resolution	1.1°

Rotary Switch S	Number of switching steps 5 (A, 0, I, II, III)
Slide Swtch MS (optional with button T)	Number of switching steps 2 (O/I)
Measuring Value Detection	Every 100 seconds
Sending Interval	...every 100 seconds if changes >0.8K or >3° angle of rotation or switch step rotary switch or slide switch ...every 1000 seconds if changes <0.8K or <3° angle of rotation
Energy Generator	Solar cell, internal goldcap, maintenance-free
Enclosure	ABS (ASA) color pure white similar to RAL 9010
Protection	IP20 according to EN60529
Ambient Temperature	-25°C to 65°C
Transport	-25°C to 65° C / max. 70% rH, non-condensed
Weight	50g

enocean alliance
No Wires. No Batteries. No Limits.

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