



Model SRF615

Multi-Parameter Wireless Temperature Transmitter

SRF615 is a multi-parameter transmitter which can accept up to (4) analog inputs. Common parameters used with SRF615 are pressure, CO₂ level, flow and lumens. The SRF615 is used for wireless measurement inside appliances and incubators.

Features

- Connect to 0-1V, 0-10V or 4-20mA Sensors and Transducers
- Add Up to 4 External Sensors
- Battery Life: Up to 1 year
- LCD screen for local parameter display
- LCD and LEDs indicate if alarms are active
- Connects to your local Wi-Fi network
- Designed for easy self-installation
- Seamless connection to Setra CEMS™ Connect or Setra CEMS™ Diligence environmental monitoring platforms

Technical Specifications

Scales	Customizable in Setra CEMS™ Connect or Diligence Platform	
Sensor Type	Voltage or Current Measurement	
Measurement Range	+/-0.32000 to +/-32000	
Resolution	±1 mV (at 0-10V); ±0.1 mV (at 0-1V); 1µA (at 4-20 mA)	
Displayed Range	±0.32 to ±19999	
Decimal Points	1 to 5	
Instrument Accuracy	±0.3% of reading @ +23°C Ambient	
System Accuracy	As per instrument accuracy plus accuracy of sensor	
High / Low Alarms and Alerts	All Channels - Low and High Alarms / Low and High Alerts both with Alarm Delay and fully selectable Alarms	
Number of External Channels	4	
Alarm Delay	0-60 minutes	
Case Material	Overmolded Polycarbonate	
Keypad	2 Button keypad standard on all models (Wi-Fi Provoke and Action Buttons)	
Battery Specifications	(4) AA Alkaline Cells or L91 Energizer Ultimate Lithium	
Battery Life	Up to 1 Year	
Wi-Fi	2.4GHz Wi-Fi (IEEE 802.11b/g/n) WPA2-PSK/WPA2-Enterprise	
Radio Range	Up to 20m indoors (ESP-32)	
Clock Accuracy	20ppm (1 minute/month) at 25°C (+77°F) Synchronized with the Cloud at least once per day	
Logging Memory	Channels	Total Records*
	1	140,000
	2	96,000
	3	76,000
	4	60,000
*These numbers are absolute maximums and will be lower for multiple periods of data and/or when wraparound has been started.		
Logging Frequency	Programmable between 1 minute and 60 minutes	
Monitoring Frequency	1 Minute	
Radio Rate	5 minutes to 24 hours; >=4 Hours for best battery life	
Alarm / Active LEDs (Front)	RED - ALARM / GREEN - Active	
Status LEDs (Side)	RED - Wi-Fi Active / YELLOW - Communications Active	
Audible Alarm Buzzer	Audible alarm buzzer can be deactivated in the task (Can be silenced with button press on the transmitter)	
Environmental Protection / Waterproof	IP65	
Dimensions	L 110mm x W 100mm x D 45mm	
Weight	300g	
Power Supply Unit (PSU)	Optional PSU Part Number SRF520	
Warranty	1 Year	



Ordering Information

Example part number: SRF615

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Accessories

Part No.	Description
SRF615B	SRF615 Adapter 2 Input
SRFRHEXTPROBE200	Humidity Sensor 0-10V (2m Lead)
SRFC02EXT	CO ₂ Sensor 4-20mA
S18477	24V Multi-Country PSU
SRF602Y	SRF612/SRF615Y Adapter - 2 Input