

ADALETWIRELESS
A SCOTT FETZER COMPANY

DIN Rail Mountable **Wireless System**

Making Wireless Monitoring a Snap!



RF Transmitter
AW2 Wireless System

Fast and Easy!

Realize the benefits of real-time wireless data collection with the convenience and ease of DIN Rail mounting. With the ADALET Wireless system, it is possible to monitor and transmit data from industrial areas where cabling isn't an option due to cost or location. The transmitter and receiver are DIN Rail mountable for fast, snap-on installation in your control cabinet or any of ADALET's fiberglass, stainless or cast aluminum enclosures.

Enclosures Available:
**Rugged NEMA 4X, Fiberglass
and Stainless Steel.**

RF Receiver
AW2 Wireless System

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Features

- Snaps on industry standard DIN rail for fast and easy installation -no panel hole punching or retrofitting required
- Can be mounted inside any of ADALET's stainless steel, fiberglass or cast aluminum enclosures.
- Save Time and Money- take more frequent measurements in less time – all from a safe, central location.
- Sense where problems are just beginning-before they become time consuming and expensive process shutdowns.
- No set up, special software or programming required! Settings are factory programmed to fit your specific application.
- Using spread spectrum, frequency-hopping technology utilizing a license-free 902-928MHz ISM band, for an interference-free and highly accurate link
- Accurate measurements up to 3000 feet with no line-of-sight
- Thermocouple, RTD, and pressure transducer inputs available, consult factory
- Factory programmable data transmit interval from 1 to 60 seconds

Technical Specifications

	Transmitter - AWT	Receiver - AWR
Frequency	902 - 928MHz	902 - 928MHz
Accuracy	N/A	.2% of full scale (Input sensor not incl.)
Transmit Power	1 Watt	N/A
Power Source	AC model: 85 to 265 VAC DC model: 12 to 32 VDC	12 to 32 VDC
Power Consumption	Transmit Mode: 4W @ 1W transmit power 1.65W @ 100mW transmit power	1.12W
Inputs/Outputs	Inputs: Thermocouple: Type J, K, T, E, N RTD: 100Ω - 2,3, or 4 wire Pressure: 0-15,000 PSI max. Range specified by customer One discreet opto-isolated input	Outputs: RS 232 Analog 4-20 mA or 0-5V One discreet opto-isolated output Relays: Form C Open input circuit User specified
Dimensions	1-3/4"H x 3"W x 4-1/4"D	1-3/4"H x 3"W x 4-1/4"D
Weight	.6 lbs.	.6 lbs.
Operating Temp.	-25°C to +85°C	-25°C to +85°C

*Analog bridge model available - consult factory



AW2 Wireless System

Applications

- Tank Level
- Petrochemical
- PLC/RTU extensions
- Pump Control
- Waste / Wastewater
- Oil & Gas
- Mills / quarries / factories
- Sensor monitoring
- Irrigation Systems

Areas of Use

Industrial and general purpose areas

Applicable Design Standards

UL Standard 60950



**CALL 216-267-9000 or visit
ADALET.com today.**