

AC/DC Powered *Wireless System*

ADALETWIRELESS
A SCOTT FETZER COMPANY

Continuous Wireless Process Monitoring

APPROVED FOR
CLASS I, DIVISION 1
OR INDUSTRIAL USE.



NEMA 4X
AC/DC Powered
Wireless System



Class I, Div 1
AC/DC Powered
Wireless System



A Complete System... A Complete Solution.

Take advantage of the power of wireless data transmission - even in Class I, Division 1 areas! We combined our industry leading enclosures with the most advanced wireless technology available. For applications that require continuous data monitoring and transmission, rely on ADALET Wireless for a complete solution that is easy to integrate and easy on your budget.

CALL 216-267-6864 or visit ADALETWIRELESS.com today.

**Wireless Systems Also Available
in Fiberglass and Stainless Steel Enclosures.**

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Features

- Models available for Class I, Division 1 or industrial locations
- 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 can be 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
- User or factory programmable data transmit interval from 1 to 60 seconds
- Accurate measurements up to 3000 feet with no line-of-sight
- Two 3/4" npt hubs for connection to temperature or pressure sensors
- Analog 4-20 mA, Thermocouple, RTD, and pressure transducer inputs available, consult factory
- Glass dome for maximum RF signal transmission & visual inspection of status LED's
- Ruggedized, corrosion resistant cast aluminum alloy housing with color coded powder coating

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: Analog 4-20 mA 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	13.5"H x 4"W dia.	1-3/4"H x 3"W x 4-1/4"D
Weight	8.6 lbs.	.6 lbs.
Operating Temp.	AC model: -25°C to +70°C DC model: -40°C to +85°C	AC model: -25°C to +70°C DC model: -40°C to +85°C

Specifications are subject to change without notice. The information shown is compiled from data which we believe is reliable and is given in good faith. The user assumes all risks and liability in connection with the application and use of our products.

Applications

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

Areas of Use

XDANT-Explosionproof Version

- Division 1 Classified Areas—U.S., Canada
- Class I, Division 1, Groups B, C, D
- Class II, Groups E, F, G
- Class III

N4DANT-NEMA 4X Version

Industrial and general purpose areas

Applicable Design Standards

XDANT-Explosionproof Version

UL Standard 1203
CSA Standard C22.2 No. 30
NEMA 4X, 7BCD, 9EFG
Canada: CSA-E79-0 & CSA-E79-1
U.S.: ANSI/UL60079-0, ANSI/UL60079-1



N4DANT-NEMA 4X Version

UL Standard 50
CSA Standard C22.2 No. 94
NEMA 4X



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