

MIWIRELESS 350 POWER AND COMMUNICATION ASSEMBLIES

Flexible Data Communications Assemblies for the Natural Gas Industry

BRIEF INFORMATION

The MiWireless 350 product line provides a platform based comprehensive selection of communication hardware and power supply systems, optimized to integrate with the Honeywell Mercury® precision measurement instruments.

The MiWireless 350 platform leverages the latest innovations in battery operated instruments such as the EC 350 and ERX 350, and low power 4G cellular radios such as Cloud Link R100 or Cloud Link with Cat M1 radio support.

The MiWireless 350 products can be used as :

- Pressure Monitor in the gas transmission and distribution lines.
- Electronic Volume Correction in demanding custody transfer applications,
- Communication assemblies in Hazardous locations,
- Power assemblies for remote equipment

This platform can be configured using the same MasterLink software that is used to configure other Honeywell Mercury® electronic volume correctors, data loggers and Modems. No additional software is required. In addition, MasterLink is now available as an App that can be installed on IOS and Android devices. MiWireless can also be seamlessly integrated in PowerSpring or TDS based solutions



FEATURES & BENEFITS

- 4G Cat 3 Cellular radios
- 4G Cat M1 Low Power Cellular radios
- Internal Antennas
- Modem Power Control
- Voltage Monitoring
- 22Ah Battery
- Digital Plug and Play Pressure transducer
- Easy to maintain/ troubleshoot
- CSA C/US Class-I, Div-2
- Flexible Mounting configurations.
- Internal or External LCD display
- Configured through MasterLink programming software and App.
- 4 years Warranty

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Cellular Modems supported

- Cloud Link R100 : Cat 3 radio.
- CloudLink R110 : Low Power Cat M1 radio.
- Sierra Wireless RV50/RV50X modems

Power Supply Options

- 7Ah Alkaline rechargeable sealed battery.
- 120Vac/12-15Vdc adjustable power supply
- 22Ah Alkaline rechargeable sealed battery
- 10W, 20W, 30W, 40W or 90W solar panel.
- Alkaline receptacle (backup power for Volume Corrector/ Pressure Recorder)

Input/Outputs/Interfaces

- Up to 3 pressures
- Up to 1 Temperature (2 future)
- Up to 4 Digital Inputs.
- RS232/485 port
- RS232 Configuration port
- IrDA configuration interface.
- Magnetic switch: wakes the unit up by swiping a magnet and forces a call

Mounting configuration

- Wall Mount.
- U-Bolt Mount (2", 3", 4")
- UMB Mount
- Portable Mount

For more information

To learn more about Honeywell's Smart Gas Metering Solutions, visit www.honeywellprocess.com or contact your Honeywell account manager.

Honeywell Process Solutions

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Environmental Conditions

- Temperature: -40°C to +70°C (exact range depends on power supply selected).
- Humidity: 0%-95% RH, non-condensing

Dimensions

- 14.92 in x 7.01 in x 16.71 in (excluding mounting accessories)

Certifications

- Metrological :
 - Measurement Canada (pending)
- Hazardous Locations :
 - CSA C/US Class I, Division 2, Groups C and D, T3C,
 - IECEx Class I, Zone 2 Group IIB and IIA
- Wireless Certification (IC & FCC)
 - Industry Canada : IC ICES-003
 - FCC: Part 15 B Class-A Digital divide

Warranty

- 4 year standard warranty.

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