

Intelligent Repeater

The Flowserve IPS Wireless Intelligent Repeater can be used to extend the transmission range of IPS Wireless Single-Point Transmitters and Remote Transmitting Units (RTUs).

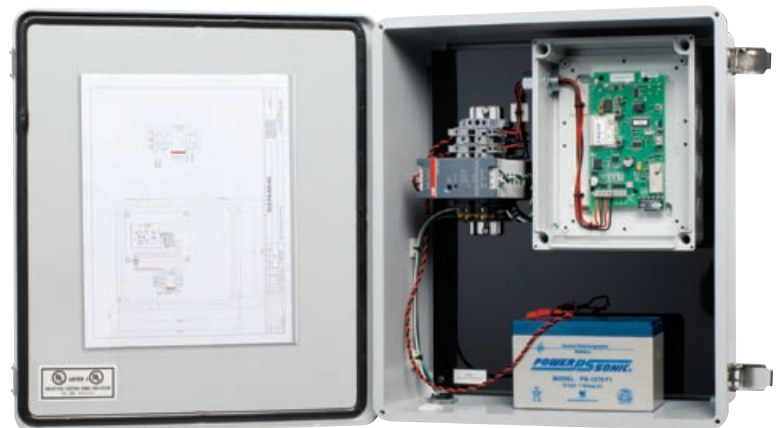
Transmission Range

The Flowserve IPS Wireless Intelligent Repeater has a self-transmitting range of 2.4 km (1.5 miles). With the addition of a Flowserve multiple repeater network, the effective transmission range extends to 11.2 km (7.0 miles).

Limitless Applications

The Flowserve IPS Wireless product series provides customers with cost-effective, reliable and scalable data communication systems that enhance productivity and profitability. Whether for portable or fixed assets or analog or digital instruments, Flowserve has wireless solutions for:

- Equipment performance monitoring
- Process monitoring
- Asset management
- Health, safety and environmental issues
- Regulatory compliance



Flowserve IPS Wireless technology allows the economical acquisition and the prompt utilization of important process data, including:

- Flow
- Level
- Gas emissions
- Pressure
- Temperature
- Vibration
- Energy consumption



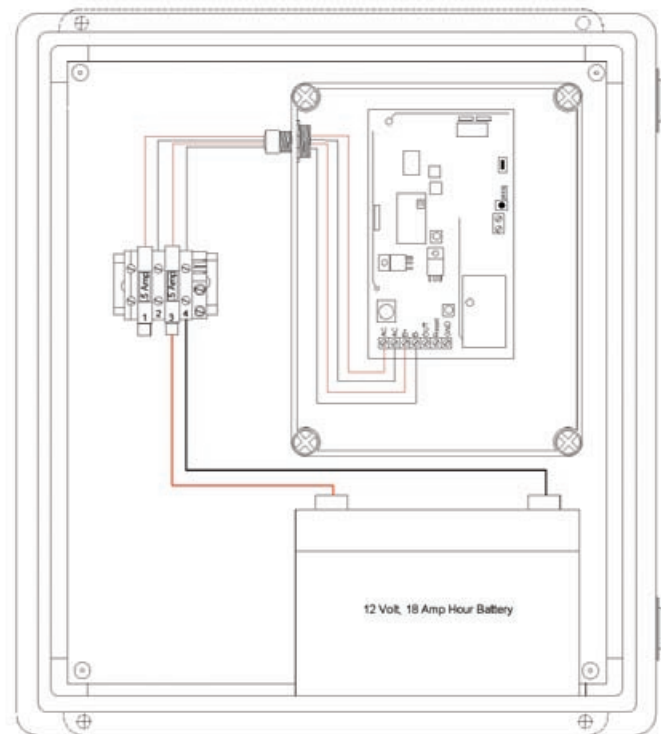
Specifications

IPS Wireless devices are self-powered and self-transmitting. They employ open platform architecture for maximum versatility. This ensures Flowserve wireless devices will interface and integrate easily with most existing instrumentation, software and controllers.

SPECIFICATIONS	
Operating frequency	902-928 MHz, 868 MHz, 2.4 GHz
Transmission range	2.4 km (1.5 miles)
Operating temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	0-95% noncondensing
Power requirement	110 or 220 VAC; solar power with battery backup
Enclosure	Fiberglass NEMA 4X 100 mm x 350 mm x 400 mm (4 in x 14 in x 16 in)
Weight (without battery)	10.4 kg (23 lbs)
Mounting	40 mm (1.5 in) pipe
Certification & area classification	CE

ENVIRONMENTAL	
Installation category	I
Pollution degree	II
Altitude	Up to 2000 m (6560 ft)

AVAILABLE MODELS	
ELD-FA-525-AC	AC powered unit
ELD-FA-525-SP	Solar powered unit



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