

# Product Data Sheet

## W2W100 Translator Module

### FEATURES & BENEFITS

- Bi-directional wireless communication
- 868 MHz frequency (conforms to e.t.s.i. EN 300-220-1)
- FSK modulation
- Multi-channel (up to 7 channels)
- Automatic management of power transmission
- Double orthogonal antennas to guarantee reliable and secure communication
- Powered by the detection loop
- Immediate transmission of signals from field device: alarm, fault and tamper
- Flexible on site device adjustment
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### SPECIFICATION

The W2W is a fully intelligent wireless translator-module.

The translator module allows the use of fully intelligent wireless field devices alongside standard hard wired units.

Frequency hopping algorithm.

High noise immunity.

Up to 32 devices can be used with each translator module.

The translator module can be programmed through an RS232 PC connection or wireless

### Technical Specifications

Communication range with Sagittarius devices (open space)	500m
Communication range with SGWE expander (open space)	1000m
Operating frequency	868-870 MHz
Modulation type	FSK
Operating frequency channels	7
Power Supply	By the loop
Current	$I_{\max}=25 \text{ mA}$
Operating temperature range	-30°C - +55°C