

## 169MHz - NG-W169 Radio receiving module

32 channels ready to collect environmental parameters measured by RF 169Mhz sensors.



- All measurements received via radio are transmitted via RS485 RTU Modbus.
- > The module can receive via radio and manage the "low battery" warning sent by the sensors 30days before.
- > 1 joystick to set and read data on the display
- Scraphic display with LED background allows local visualisation of all acquired measures, diagnosis and configuration of the 32 channels
- > The new 169MHz radio frequency band allows covering distances up to 2,5 km; particularly suitable for the indoors.

## **Technical features**

| External power supply  The instrument works with both AC and DC voltage power supply within the limits below.  AC power supply  90 - 250 Vac 50/60 Hz  DC power supply  24 - 120 Vdc  Consumption  1.5 VA max (ac) or 1.5 W max (dc)  Dimensions  5 DIN modules (approx. 88x90x60mm) (5W)  Box type  PC+ABS  Weight  95g  Display  Graphic 128x64 pixel display with RGB LED background  Keypad  5 functions joystick  Communication interface  Isolated RS-485 with RTU Modbus protocol, selectable speed up to 115200 bps programmable parity  Isolation  6 kV between Aux power supply and RS485  Working temperature  -10 °C +65 °C  Radio  Range extension  2,5 km  Frequency  169 MHz | General                 |  |
|---|-------------------------|--|
| DC power supply  24 - 120 Vdc  Consumption  1.5 VA max (ac) or 1.5 W max (dc)  Dimensions  5 DIN modules (approx. 88x90x60mm) (5W)  Box type  PC+ABS  Weight  95g  Display  Graphic 128x64 pixel display with RGB LED background  Keypad  5 functions joystick  Communication interface  Isolated RS-485 with RTU Modbus protocol, selectable speed up to 115200 bps programmable parity  Isolation  6 kV between Aux power supply and RS485  Working temperature  -10 °C +65 °C  Radio  Range extension  2,5 km  | External power supply   | and DC voltage power supply within       |
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| Radio Range extension 2,5 km  | Isolation               |  |
| Range extension 2,5 km  | Working temperature     | -10 °C +65 °C                            |
|   | Radio                   |  |
| Frequency 169 MHz   | Range extension         | 2,5 km                                   |
| . 1 1   | Frequency               | 169 MHz                                  |

## "Free yourself from all limits"

