Wireless DIN Rail Receiver

With 4 Analog Outputs and Alarms

UWTC-REC4

$275

1 YEAR WARRANTY

- **Works with Up to 48 Wireless Transmitters**
- **Four 0 to 5 Vdc, 0 to 10 Vdc or 4 to 20 mA Analog Outputs**
- **Interface Directly to PLCs, Chart Recorders and Data Loggers**
- **Standard DIN Rail Enclosure**
- **Built-in Programmable Alarms for Each Channel**
- **Field Programmable via USB**
- **Included Software Turns a PC Into a Multi-Channel Meter, Chart Recorder or Data Logger**

Works with:

- **UWTC–Thermocouple**
- **UWRTD–RTD**
- **UWRH–Humidity**
- **UWIR–Infrared Temperature**
- **UWPH–pH**
- **UWPC–Process Voltage/Current Wireless Transmitters**

UWTC-REC4, $275, shown actual size.

The UWTC-REC4 wireless DIN rail receiver can work with up to 48 wireless transmitters, displaying their data in real time on your PC. The UWTC-REC4 also has four independent analog outputs, which can be user-programmed as a retransmission signal from any input channel, driving a PLC or data logger. The UWTC-REC4 is compatible with the full line of UW wireless transmitters from OMEGA; choose from thermocouple, RTD, %RH, infrared (non-contact) temperature, pH, as well as process voltage/current models.

The standard DIN rail mount design provides for easy mounting, and fast connections to other DIN rail equipment, including PLCs. The optional iDRN-PS-1000 power supply can power up to three UWTC-REC4 units, which can give you up to 12 analog outputs.

Convenient DIN rail mount design simplifies installation and operation with PLCs and other instrumentation.

Specifications

Power: 12 to 24 Vdc @ 250 mA
Analog Output: 4 independent, non-isolated, retransmission 0 to 5 Vdc, 0 to 10 Vdc or 4 to 20 mA
Alarms (Programmable): One per channel, rising/falling activation
Alarm Type: Open drain, 100 mA max
Power, Output, Alarm Connection: Screw terminals
Operating Ambient: 0 to 55°C (32 to 131°F), 90% RH non-condensing
Radio Frequency (RF) Transceiver Carrier: ISM 2.4 GHz, direct sequence spread spectrum
RF Data Packet Standard: IEEE 802.15.4, open communication architecture
Enclosure: DIN rail (plastic)
Dimensions: 93 H x 39 W x 125 mm D (3.64 x 1.55 x 4.93")

Note: *The UWTC-REC4 can be powered directly by the PLC or data logger you are connecting to and will not require an additional power source if the instrument has 12 to 24 Vdc @ 250 mA available for external devices. If your instrument does not have a power source available for external devices you will need to add an additional power supply (iDRN-PS-1000) to power the wireless receiver. This power supply can power up to 3 UWTC-REC4 receivers. Visit* ***omega.com/wireless*** *for more information.*

Interfaces Directly with PLCs and Multi-Channel Data Loggers to Form a Complete Wireless Measurement and Control System!

*Typical system shown above includes any 4 wireless transmitters with one **UWTC-REC4-MA** wireless receiver with analog outputs, **$275** and **HE-XE102** PLC, **$445,** $275 + 445 = **$720.** (Receiver and PC only)*

AVAILABLE FOR FAST DELIVERY!

To Order *(Specify Model Number)*		
Model No.	**Price**	**Description**
UWTC-REC4-(*)	**$275**	DIN rail wireless receiver with 4 analog outputs and alarms
iDRN-PS-1000	**150**	Power supply (switching) 95 to 240 Vac input, 24 Vdc output @ 850 mA (power 3 units)
RAIL-35-1	**10**	35 mm (1.4") DIN rail, 1 m (3.3') length
RAIL-35-2	**19**	35 mm (1.4") DIN rail, 2 m (6.6') length

Comes complete with measurement/data logging software, USB programming cable, and operator's manual.
***** Specify analog output signal: **"V1"** for 0 to 5 Vdc; **"V2"** for 0 to 10 Vdc, **"TC"** for Type K thermocouple, or **"MA"** for 4 to 20 mA signal.*
Ordering Example: UWTC-REC4-MA,** 48-channel DIN rail receiver with four 4 to 20 mA outputs and alarms, **$275.

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