RL4412 transmitter

Pro 4000T Series

Temperature

Radio transmitter

Part of the **Hanwell Pro** RL4000T Series, the RL4412 is a dual channel temperature transmitter for 4 wire PT100 sensors, 5 pin Lemo socket and includes LCD display and 434.075MHz frequency as standard.

Features

- ✓ Dual channel PT100 instrument
- ✓ LCD display with data readings & battery life
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery & USB socket
- ✓ Low power radio for long distance transmission (3km over open ground)
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking

Typical Applications

- Fridges
- Freezers
- Chillers

Always ask for a long-range signal strength test.

We can prove ours to be unrivalled.

Product code: RL4412-434.075 (other frequencies are available)

Instrumentation specification	
Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	50,000 readings per channel (unit will wrap when full)
Clock accuracy (logging)	20 ppm at 25°C
Instrument measuring range	-200°C to +160°C (Dependent on probe selection)
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Storage Temperature	-40°C to +60°C
IP Rating	IP30
Accuracy	+/- 0.1°C between 0°C to +40°C +/- 0.3°C outside these extremes
Resolution	0.1°C

Radio transmitter functions	
Frequency options	A range of frequencies are available between 433-458MHz. Country specific regulations apply.
Radio power	10mW
Radio range	3km over open ground
Battery Life	Up to 2 years (dependent on conditions of use and instrument settings)
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options
Software compatibility	**EMS** - All Versions **Synergy** - All Versions ***Important:*** *Unit* ***Must*** *be synchronised to work*
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Accessories	
J237	PT100 probe. Please refer to the Hanwell Pro Sensor datasheet
Y119	Wall mounting bracket
88706	AA Lithium battery

Manufactured by Ellab Monitoring Solutions CE UK CA RoHS

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Disclaimer: The information contained herein is believed to be reliable. Ellab Monitoring Solutions Ltd is not responsible for any incorrect or incomplete information on this datasheet and the information or product maybe changed without notice. Customers should obtain and verify the latest relevant information before placing orders for Hanwell products.

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