

RL4012 transmitter

Pro 4000T Series

Part of the **Hanwell Pro** RL4000T Series, the RL4012 (dual channel) temperature transmitter is supplied with a light duty door switch and a precision thermistor sensor, LCD display and 434.075MHz frequency as standard.

Features

- ✓ Dual channel Thermistor instrument
- ✓ Door ajar/open event logs
- ✓ 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.

Instrumentation specification

Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	3.6V AA Lithium battery
Battery life	Up to 2 years (dependent on conditions of use and instrument settings)
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	-40°C to +60°C
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Instrument storage temperature	-40°C to +60°C
IP Rating	IP30
Resolution	0.1°C

Note: Door status is only recorded on internal logging at User pre-set logging interval, radio transmits door status on status change



Temperature



Door



Radio transmitter

Product code: RL4012-434.075 (other frequencies are available)

Product codes

Y119	Wall mounting bracket
88706	AA Lithium battery

Probe options [Please refer to the Hanwell Pro Sensor datasheet](#)

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
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 RadioLog 8
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

This unit is guaranteed to function correctly when used with Hanwell manufactured door switches. If other inputs are used, they should comply with the following specification (an interface cable is available upon request):

Max load capacitance	5nF
Max impedance	100R

Manufactured by Hanwell | Ellab   RoHS

Version 6 - EC200118

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