

RL4401/02 transmitter

Pro 4000T Series

Part of the **Hanwell Pro** RL4000T Series, the RL4401/02 is a temperature transmitter for 4 wire PT100 sensors, 5 pin Lemo socket and includes LCD display and 434.075MHz frequency as standard.

Features

- ✓ Single/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.



Photo shows RL4401-434.075 (single channel unit)
Other frequencies are available

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	100,000 readings single channel unit 50,000 readings per channel for dual channel unit Unit will wrap when full
Clock accuracy (logging)	20 ppm at 25°C
Instrument measuring range	-200°C to +110°C (Dependent on probe selection)
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Instrument storage temperature	-40°C to +60°C
IP Rating	IP30
Unit accuracy	+/- 0.1°C
Resolution	0.1°C

Product codes	
RL4401	Single channel (Unit only)
RL4402	Dual channel (Unit only)
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	RL4401 and RL4402: EMS - All Versions Synergy - All Versions RadioLog 8
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Manufactured by Hanwell | Ellab RoHS

Version 4 - EC200118

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



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