RL4115 transmitter
Pro RL4000RH/T Series

Part of the **Hanwell Pro** RL4000RHT Series, the RL4115 combines C-Sense external temperature and EE07-02 relative humidity probe.
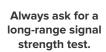The instrument includes LCD display and 434.075MHz frequency as standard.

Temperature

Humidity

Radio transmitter

Features

✓ Combined temperature & humidity measurement
✓ LCD display with 50,000 data readings per channel & up to 2 years 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 and carries UKCA and CE Marking

Typical Applications

• Dry storage
• Ambient room conditions
• Fridge and freezer (with remote probe)

Always ask for a long-range signal strength test.

We can prove ours to be unrivalled.

Product code: RL4115-434.075

Instrumentation specification	
Dimension	110 x 80 x 35mm (Excl. ancillaries)
Weight	200 grams
Power supply	1 x 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
IP Rating	IP30
System Humidity Accuracy (Transmitter Unit + Sensor) with J140 or J223 Probes	
Humidity accuracy	+/- 2% (0 - 90%) +/- 3% (90 - 100%)
Temperature dependence	< (0.025 + 0.0003 x RH)[%RH/°C]
Transmitter Unit	
Measuring range	**Temp:** -40°C to +60°C **RH:** 0 to 100% RH (in a non-condensing RH environment)
Operating range	-20°C to +60°C in a non-condensing RH environment
Storage temperature	-40°C to +60°C
Thermistor accuracy	+/-0.1°C
Resolution	**Temp:** 0.1°C **RH:** 0.1%

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

Product codes	
88706	AA Lithium battery
Y119	Wall mounting bracket
Probe options	Please refer to the Hanwell Pro Sensor datasheet

CE   UK CA   RoHS

bsi ISO 9001 Quality Management Systems CERTIFIED   FM 535767

bsi ISO 14001 Environmental Management CERTIFIED   EMS 724205

hanwell.com

Tel: +44 (0)1462 688070 | Email: sales.hanwell@ellab.com