

RL4602 transmitter

Pro Utility Series

Part of the Hanwell Pro Utility series, the RL4602 outdoor radio transmitters are designed for use with one of four current clamps to provide energy usage information. We advise you contact us regarding your specific application to ensure you use the correct clamp.

Product Features

- ✓ British designed and manufactured
- ✓ High performance technology
- ✓ Logger memory capacity of 33,333 readings per channel
- ✓ Three channel current clamp inputs
- ✓ Low power radio for long distance transmission (over 3km over open ground)
- ✓ Easily accessible battery and USB socket
- ✓ Supports (optional) hidden wall brackets
- ✓ Up to 5 years battery life
- ✓ Complies with RoHS, EU directives and WEEE
- ✓ Carries CE Marking
- ✓ Superior performance hardware with high accuracy sensors

Typical Applications

- Analysis of kilowatts/hrs
- Measurement of cubic meters of gas
- Control litres of water consumed

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.



Water



Gas



Electricity



Product code: RL4602-434.075 (see below for more information)

Instrumentation specification

Dimension (Excl. ancillaries)	110 x 100 x 60mm
Weight	600 grams (including battery pack)
Power supply	2 x Alkaline D cell batteries
Case material	ABS & PC
Memory capacity	33,333 readings per channel (unit will wrap when full)
Clock accuracy (logging)	20ppm @ 25°C
Instrument operating range	-20°C to +65°C (non-condensing RH environment)
Accuracy	+/- 2% between 10% and 100%
Resolution	50mA
Storage Temperature	-40°C to +65°C
IP Rating	IP65 (external glands IP68)

Accessories

Y119	Wall mounting bracket
88706	AA Lithium battery
Y055	USB Cable

Product codes

Product codes	See page 2 for current clamp specifications
RL4602-MRC	(for use with J091 current clamp)
RL4602-05A	(for use with J135)
RL4602-50A	(for use with J134)
RL4602-100A	(for use with J139)

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 5 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
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Manufactured by Hanwell | Ellab RoHS

Version 2 - EC190194

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Clamp options (supplied separately)

J091 Switchable split core CT Sensor

Ranges	0-30A, 0-60A and 0-120A
Max. cable diameter	22mm
Dimensions	70 (W) x 74 (H) x 25 (D) mm



J135 Single range split core CT Sensor

Range	5A
Max. cable diameter	10mm
Dimensions	25 (W) x 50 (H) x 35 (D) mm



J134 Single range split core CT Sensor

Range	50A
Max. cable diameter	10mm
Dimensions	25 (W) x 50 (H) x 35 (D) mm



J139 Single range split core CT Sensor

Range	100A
Max. cable diameter	10mm
Dimensions	25 (W) x 50 (H) x 35 (D) mm



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