

RL4810 transmitter

Pro RL4800 Series

Part of the Hanwell RL4800 series of radio transmitters, the RL4810 is a dual channel transmitter with a 0-5VDC input for use with external sensors. Each unit includes a steel bracket for mounting purposes.

Features

- ✓ Dual 0-5VDC input
- ✓ 100,000 data readings & up to 18 months battery life
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery
- ✓ Low power radio for long distance transmission (3km over open ground)
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking

Typical Applications

- Level measurement
- Door open/close alerts
- Machine on/off alerts

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.



Pump



Machine



Level



Door

Technical specification

Dimensions	110 x 80 x 35mm
Weight	200 grams
Power supply	3.6V AA Lithium battery
Case material	ABS & PC
Cable length	3m with bare ends (as shown in image)
Memory capacity	100,000 readings (unit will wrap when full)
Clock accuracy (logging)	20 ppm @ 25°C
Instrument operating range	-20°C to +65°C (non-condensing RH environment)
Storage Temperature	-40°C to +60°C
IP Rating	IP30

Accessories

88706	AA 3.6V Lithium battery
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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 18 months (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	SR2 – Smart Receiver REP – Repeater

Input

Input	Single channel 0 to 5 V
Measuring frequency	Every transmit/log interval
Transmit interval	User programmable 30s-300s
Resolution	0.00125V
Accuracy	+/-1%

Product code: RL4810-434.075 (other frequencies are available)

Manufactured by Hanwell | Ellab RoHS

Version 3 - EC200068

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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