

RL4809 transmitter

Pro RL4800 Series

Part of the Hanwell RL4800 series of radio transmitters, the RL4809 is a dual channel transmitter with 2 x 4-20mA input for use internally or externally.

Features

- ✓ 2 x 4-20mA input for pump, machine, level and door alerts
- ✓ 50,000 data readings per channel & 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



Airflow



Carbon Dioxide

Product code: RL4809-434.075 (other frequencies are available)

Technical specification

Dimensions	110 x 80 x 35mm
Weight	200 grams
Power supply	3.6V AA Lithium battery
Cable length	3m with bare ends (as shown in image)
Case material	ABS & PC
Memory capacity	50,000 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

Input

Input	Dual channel 4 to 20mA
Input impedance	100 ohms
Measuring frequency	Every transmit/log interval
Transmit interval	User programmable 30s-300s
Resolution	0.02mA
Accuracy	+/-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 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
Software compatibility	EMS - All Versions Synergy - All Versions RadioLog 8
Hardware required	SR2 – Smart Receiver REP – Repeater

Accessories

88706	AA 3.6V Lithium battery
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Manufactured by Ellab Monitoring Solutions



RoHS



Version 4 - EC210080

Disclaimer: The information contained herein is believed to be reliable. Ellab Monitoring 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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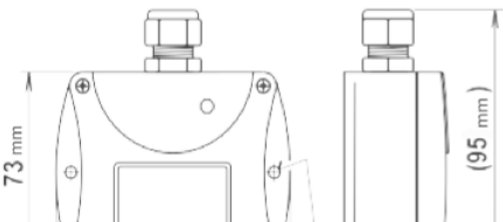
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CO₂ Concentration Sensor

J256-07	Part codes	Specifications
	J256-07	
		Operating Temperature of CO2 Measurement
		-30°C to +60°C
		Measuring range
		0 to 2000ppm
		Accuracy
		±50ppm +2% of measured value
		Temperature Dependence
		-20°C to +45°C typ. 2ppm CO ₂ / °C
		Analog output
		4-20mA
		IP Rating of housing
		IP30
		Cable
		3 metre

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