

RL1003 waterproof temperature transmitter



1000 Series

Part of the RL1000 range, the RL1003 waterproof temperature thermister is a sealed single flexible thermister transmitter with remote probe, 3 metre cable

Features

- ✓ System complies with the European Radio Equipment Directive (RED) which covers EMC and radio specifications
- ✓ A Battery Low alarm is displayed via PC software, warning of the requirement for battery change prior to power loss
- ✓ Software Alarm alert in the event of total transmission failure



Product code: RL1003-434.075 (other frequencies are available)

Instrumentation specification	
Dimension	167 x 40mm diameter
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	Acetal
Instrument operating range	-35°C to +60°C
IP Rating	IP68
Accuracy	+/- 0.2°C between -10°C to +40°C +/- 0.3°C outside these extremes
Long term drift	< 0.1°C per year

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

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