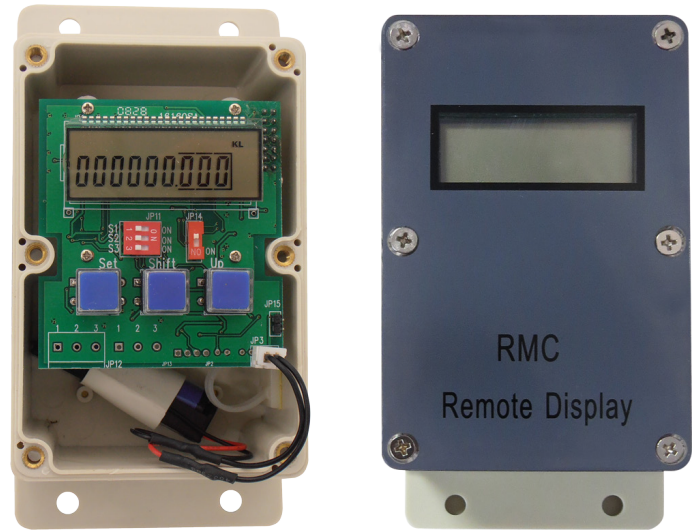


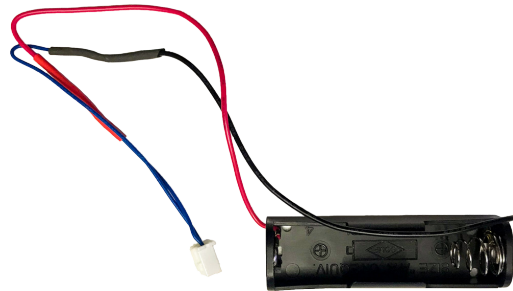
Flexi-Reader

Scope of Use / Specification Sheet

The Flexi-Reader is a remote digital display used with a pulse output from a water meter. It can be configured to different pulse settings corresponding to the water meter.



WMPC2



WMPC4

Product Code

Model	Product Code
Flexi-Reader	WMPC2
Battery Holder	WMPC4

NB. WMPC4 only required for battery replacement, WMPC2 comes with battery included

Description

The RMC LCD Display is configurable to accept a full range of dry contact pulses from any mechanical meter. The pulse input configuration is set via the internal IP switches, as defined in the following table.

In addition to being able to configure the pulse rate, the start reading on the LCD can also be set to match the actual reading on the mechanical meter. This is accomplished via Set buttons inside the casing.

Application

The Flexi-Reader can be connected to any dry contact output from most generally used, mechanical type meters. The Flexi-Reader then factors the input pulse to provide a set kilolitre totalised result to the LCD. The Flexi-Reader can be set to match exact mechanical meter register start values, or can be zeroed at any meter.

Features and Benefits

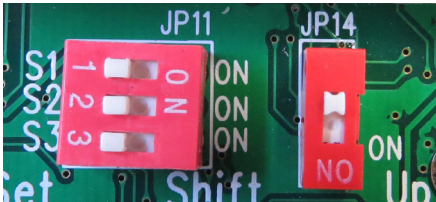
- Configurable to a wide range of pulse rates from 0.5L to 1000L pulses
- Replaceable lithium cell battery
- IP 65 Rated Housing
- Whole and part kL display
- Fully field programmable
- Remote display of mechanical meter readings
- Waterproof housing
- Compatible with most dry contact (voltage free) meter or sensor outputs

Flexi-Reader

Performance Specifications

Maximum Cable Length	20m (recommended)	
Cable Type	Use a single twisted pair from a CAT5 (or similar) network cable to prevent interference. Cable to cable connections must be made using a sealed "scotch lock" connector (or similar)	
Battery Life	1 year (replaceable lithium cell)	
Low Frequency Setting	Minimal Closure Time: 250ms	Maximum Pulse Frequency: 2 Hz
High Frequency Setting	Minimal Closure Time: 100ms	Maximum Pulse Frequency: 5 Hz

Low Frequency Settings

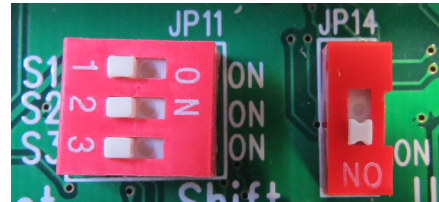


Low frequency JP14 - switch in the off position

S1	S2	S3	Pulse Value	Display
OFF	OFF	OFF	1 L/p	000000.000 ^{KL}
OFF	OFF	ON	10 L/p	0000000.00 ^{KL}
OFF	ON	OFF	100 L/p	00000000.0 ^{KL}
OFF	ON	ON	1000 L/p	000000000 ^{KL}
ON	OFF	OFF	0.5 L/p	000000.000 ^{KL} ⊗
ON	OFF	ON	5 L/p	0000000.00 ^{KL} ⊗
ON	ON	OFF	50 L/p	00000000.0 ^{KL} ⊗
ON	ON	ON	500 L/p	000000000 ^{KL}

We use ⊗ to notify 0.5 /5/50/500 L/p

High Frequency Settings



High frequency JP14 - switch in the on position

S1	S2	S3	Pulse Value	Display
OFF	OFF	OFF	1 L/p	E1 000000.000 ^{KL}
OFF	OFF	ON	10 L/p	E1 0000000.00 ^{KL}
OFF	ON	OFF	100 L/p	E1 00000000.0 ^{KL}
OFF	ON	ON	1000 L/p	E1 000000000 ^{KL}
ON	OFF	OFF	0.5 L/p	E1⊗ 000000.000 ^{KL}
ON	OFF	ON	5 L/p	E1⊗ 0000000.00 ^{KL}
ON	ON	OFF	50 L/p	E1⊗ 00000000.0 ^{KL}
ON	ON	ON	500 L/p	E1⊗ 000000000 ^{KL}

We use E1 to notify high frequency