

Reed Switch Guide - AMR



PRODUCT SUMMARY SHEET

Reliance Cold Water Multi-jet Meter – 20 to 40mm

The RWW Cold Water Multijet Meter, requires a Reed Switch (4 wire) to allow connection to an AMR system.

Part No: WM598

Pulse Rate: 1 pulse / 100 litres

Connection Details:

White Wire – Common / Ground (always use)

Brown Wire – Return Line (normally used)

Yellow Wire – Return Line (alternative to Brown, with 1K in-line resistor)

Green Wire – Tamper Connection (optional)

Reed Switch Specifications:

Maximum Switch Voltage: 180 VDC

Maximum Switched Current: 500 mA

Maximum Switched Power: 10 W

Comments:

The Cold Water Multijet Meter reed switch is inserted into the face of the meter. The reed switch normally connects to AMR systems using the **White** and **Brown** wires. They have no polarity. The Yellow wire is only used where the AMR system requires a significant in-line resistance, and the Green tamper wire is available where the AMR system accepts an input for magnetic interference tamper detection.

Reliance Cold Water PD Meter – 15 to 25mm

The RWW Cold Water PD Meter, requires a Reed Switch (2 wire) to allow connection to an AMR system.

Part No: WMRS5

Pulse Rate: 1 pulse / 0.5 litres

Connection Details:

Blue Wire – Common / Ground

Black Wire – Return Line

Reed Switch Specifications:

Maximum Switch Voltage: 30 VDC

Maximum Switched Current: 50 mA

Comments:

The Hot Water Multijet Meter reed switch is inserted into the face of the meter. The reed switch normally connects to AMR systems using the **Blue** and **Black** wires. They have no polarity.

Distributed in Australia by an Australian-owned Company.

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PRODUCT SUMMARY SHEET

Reliance Hot Water Multi-jet Meter – 15 to 25mm

The RWW Hot Water Multijet Meter, requires a Reed Switch (3 wire) to allow connection to an AMR system.

Part No: WMRS4

Pulse Rate: 1 pulse / 100 litres

Connection Details:

Blue Wire – Common / Ground (always use)

Black Wire – Return Line (normally used)

Red Wire – Not Used

Reed Switch Specifications:

Maximum Switch Voltage: 30 VDC

Maximum Switched Current: 50 mA

Comments:

The Hot Water Multijet Meter reed switch is inserted into the face of the meter. The reed switch normally connects to AMR systems using the **Blue** and **Black** wires. They have no polarity.

Reliance Cold Water Woltman Meter – 50 to 200mm

The RWW Cold Water Woltman Meter, requires a Pulse Counter and Reed Switch (2 wire) to allow connection to an AMR system.

Part No: WMRS6 – Reed Switch **Pulse Rate: 1 pulse/100 litres (50-100mm)**

Part No: WMSP001 – 50mm Register **Pulse Rate: 1 pulse/1,000 litres (150mm +)**

Connection Details:

Black Wire – Common / Ground

Red Wire – Return Line

Reed Switch Specifications:

Maximum Switch Voltage: 48 VDC

Maximum Switched Current: 50 mA

Comments:

The Cold Water Woltman Meter is retrofitted with a pulse output register and clip in reed switch. The reed switch normally connects to AMR systems using the **Black** and **Red** wires. They have no polarity.

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