

Reed Pulsers

For WP/Dynamic Turbine Meters



Reed RD



Special Features

- For cold and hot water meters WP/Dynamic
- Simple installation
- Pulsers can be retrofitted to the meter without breaking the meter seal
- Two field selectable pulse values

Applications

- Reed RD-01 and RD-011 for cold water meters to 122°F / 50°C
- Reed RD-02 AND RD-022 for hot water meters to 266°F / 130°C
- for remote counters and batching systems (RD-01 and RD-02)
- for heat meters (RD-011 and RD-022)

Available Models

Pulser	Temperature	Part Number
Reed RD-01	122°F / 50°C	117801
Reed RD-02	266°F / 130°C	117802
Reed RD-011	122°F / 50°C	117803
Reed RD-022	266°F / 130°C	117804



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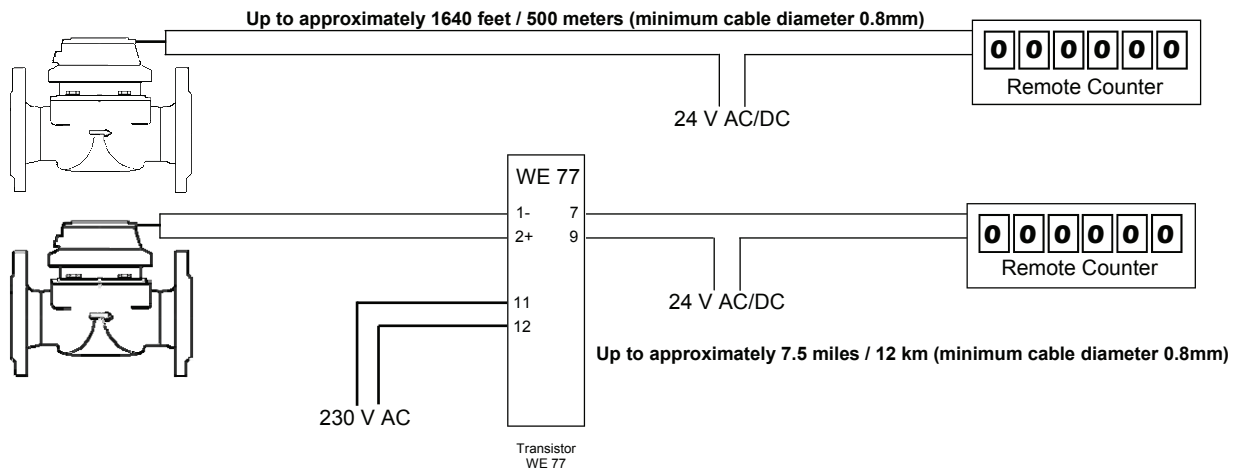
Technical Data

Switching component	Reed RD switch, plug type	
Switch protection Reed RD 01/02	surge limiting resistor and voltage limiting varistor (VDR) switching voltage: $U_{max} = 48 \text{ V AC/DC}$ switching current: $I_{max} = 0.2 \text{ A}$ switching power: $P_{max} = 4 \text{ W}$	
Switch protection Reed RD 011/022	surge limiting resistor switching voltage: $U_{max} = 125 \text{ V AC/DC}$ switching current: $I_{max} = 0.035 \text{ A}$ switching power: $P_{max} = 2 \text{ W}$	
Pulse duration	dependant upon flow in meter at meter stop, a continuous pulse is possible	
Protection	IP 68 (DIN 40050)	
Temperature Range	Reed 01/011: ambient temperature $t_{amb} \leq 158^\circ\text{F} / 70^\circ\text{C}$ medium temperature $t_m \leq 122^\circ\text{F} / 50^\circ\text{C}$ Reed 02/022: ambient temperature $t_{amb} \leq 158^\circ\text{F} / 70^\circ\text{C}$ medium temperature $t_m \leq 302^\circ\text{F} / 150^\circ\text{C}$	
Connection cable	Length: 9 feet, 10 inches / 3 meters	

Pulse Values

	1-1/2 inch to 4 inch 40mm to 100mm		6 inch to 12 inch 150mm to 300mm	
Cold water meters	10 US Gallons 100 US Gallons	0.1 Cubic Meters 1.0 Cubic Meters	100 US Gallons 1,000 US Gallons	1 Cubic Meters 10 Cubic Meters
Hot water meters	10 US Gallons 25 US Gallons	0.1 Cubic Meters 0.25 Cubic Meters	100 US Gallons 250 US Gallons	0.25 Cubic Meters 2.5 Cubic Meters

Wiring Examples for Reed RD Pulsers



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