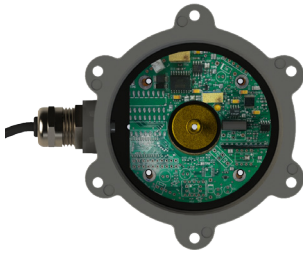


MODEL **E7500**

**TWO-WIRE 4-20 mA TRANSMITTER**



**Features:**

- For meter sizes 24" and above
- 2-wire 4-20 mA output, Anti-Reverse
- Output is linear with flowrate
- Compatible with all McCrometer propeller meters with a mechanical register
- Installation can be accomplished without meter removal from pipe
- Signal can travel up to 5000 feet
- Dry contact pulse
- Open collector pulse
- Anti-reverse options

**E 7 5 0 0 - 0 x x**

**Anti-Reverse**

0 - No  
1 - Yes

**Pulse Output**

0 - None  
1 - Dry Contact  
2 - Open Collector

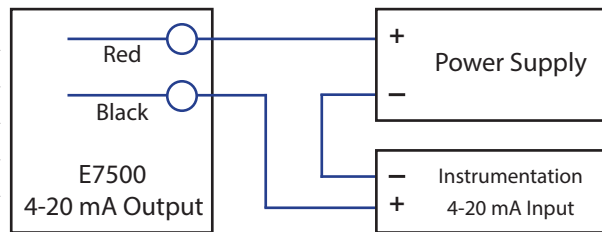
E7500 Model:	4-20 mA Output	Dry Contact	Open Collector	Anti-Reverse
E7500-010	•			•
E7500-011	•	•		•
E7000-012	•		•	

**Electrical Characteristics:**

**4-20 mA Output:**

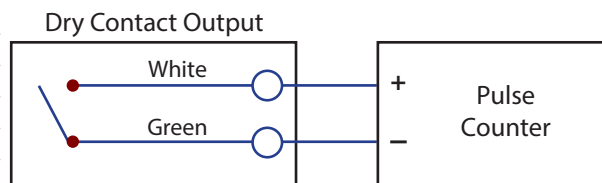
- Operating Temperature: +25 to +130 degrees F
- Supply Voltage: 16 - 40 VDC
- Temperature Coefficient: ±1.0%
- Linearity: 0.1%
- Accuracy: 0.5% over the entire range
- Maximum Resistive Load: Supply Voltage Dependent\*
- Reverse Voltage Protection: -300V Maximum

**Typical Wiring Diagrams:**



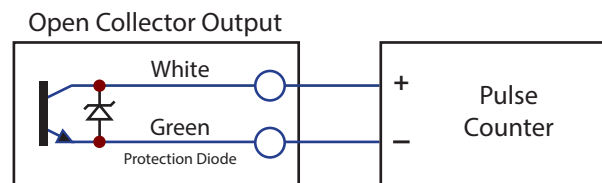
**Dry Contact Output\*\*:**

- Type: Relay Contact, Norm. Open
- Rated Load (AC): 0.5 A at 125 VAC
- Rated Load (DC): 1 A at 30 VDC
- Max. Operating Current: 1 A
- Max. Switching Power: 30 W, 62.5 VA
- Pulse (Contact Closure) Duration: 20 milliseconds
- Max. Pulses (Clicks) per Minute: 10



**Open Collector Output\*\*:**

- Type: NPN Darlington, Isolated
- Isolation Voltage: 5000 VAC
- Collector to Emitter Voltage: 40 VDC Maximum
- Collector Current: 200 mA Maximum
- Pulse Output Duration: 20 milliseconds
- Max. Pulses per Minute: 350



\* - Use formula (Supply Voltage - 16) x 50 = Maximum Load (Ω)  
 \*\* - Totalizer output operates only when power is applied to the 4-20 mA loop.

McCrometer reserves the right to change the Specification without notice.