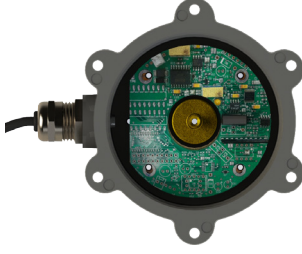


MODEL **E7000**

TWO-WIRE 4-20 mA TRANSMITTER



Features:

- Works for meter sizes up to 24"
- 2-wire 4-20 mA output
- 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 0 0 0 - 0 x x

Anti-Reverse

0 - No
1 - Yes

Pulse Output

0 - None
1 - Dry Contact
2 - Open Collector

E7000 Model:	4-20 mA Output	Dry Contact	Open Collector	Anti-Reverse
E7000-000	•			
E7000-001	•	•		
E7000-002	•		•	
E7000-010	•			•
E7000-011	•	•		•
E7000-012	•		•	•

Electrical Characteristics:

4-20 mA Output:

Operating Temperature: +25 to +130 degrees F

Supply Voltage: 16 - 40 VDC

Temperature Coefficient: ±1.0%

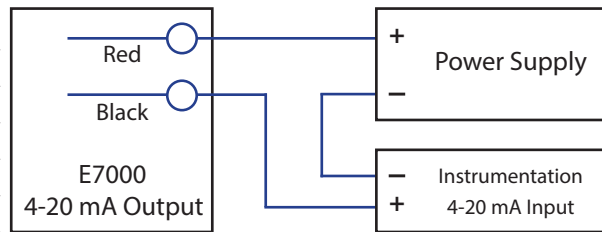
Linearity: 0.1%

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

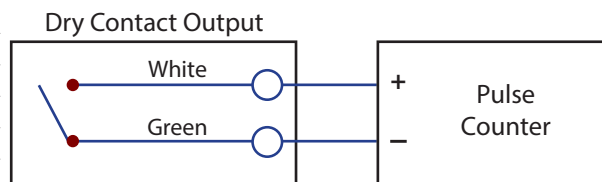
Rated Load (DC): 1 A at 30 VDC

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

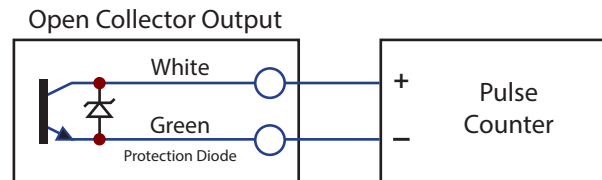
Isolation Voltage: 5000 VAC

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.