### Features:

- Industry standard 2-wire dual 4-20 mA Forward-Reverse output
- Output is linear with flow rate
- Compatible with all McCrometer propeller meters with a mechanical register
- Installation can be accomplished without meter removal from pipe
- Compatible with all meter sizes
- Signal can travel up to 5000 feet
- Additional pulse output options

### E8000 Model:

<table>
<thead>
<tr>
<th>E8000 Model:</th>
<th>4-20 mA Output (Forward/Reverse)</th>
<th>Dry Contact (Forward***))</th>
<th>Open Collector (Forward***))</th>
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<tbody>
<tr>
<td>E8000-000</td>
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</table>

### Electrical Characteristics:

**4-20 mA Dual Outputs:**

- **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

**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
- **Contact Closure Duration:** 20 milliseconds
- **Max. 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

### Typical Wiring Diagrams:

**Note:** The Forward loop must be connected at all times for the transmitter to operate. Reverse loop can be left unconnected.

**Dry Contact Output**

- **Orange**
- **Blue**
- **Pulse Counter**

**Open Collector Output**

- **Orange**
- **Blue**
- **Protection Diode**
- **Pulse Counter**

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* - Use formula (Supply Voltage - 16) / 0.02 = Maximum Load(Ω)
** - Totalizer output operates only when power is applied to the Forward 4-20 mA loop.
*** - Totalizer output operates only in forward direction unless ordered otherwise.

McCrometer reserves the right to change the Specification without notice.