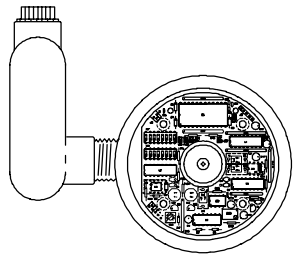


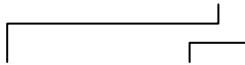
Specification Sheet

Model:	Description:	Document #:	Rev:	Date
E7000	Two-Wire 4-20 mA Transmitter	24527-13	1.3	02-05



Features:

- ◆ Industry standard 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
- ◆ For meter sizes up to 24"
- ◆ Signal can travel up to 5000 feet
- ◆ Additional pulse output and anti-reverse options

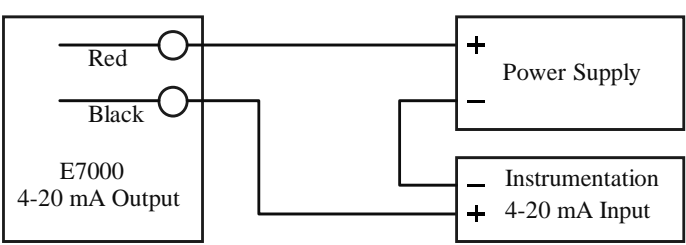
<p style="text-align: center; font-weight: bold; font-size: 1.2em;">E 7 0 0 0 - 0 x x</p> <div style="text-align: center;">  </div> <p>Anti-Reverse 0 - No 1 - Yes</p> <p>Pulse Output 0 - None 1 - Dry Contact 2 - Open Collector</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">E7000 Model:</th> <th style="text-align: center;">4-20 mA Output</th> <th style="text-align: center;">Dry Contact</th> <th style="text-align: center;">Open Collector</th> <th style="text-align: center;">Anti-Reverse</th> </tr> </thead> <tbody> <tr> <td>E7000-000</td> <td style="text-align: center;">•</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E7000-001</td> <td style="text-align: center;">•</td> <td style="text-align: center;">•</td> <td></td> <td></td> </tr> <tr> <td>E7000-002</td> <td style="text-align: center;">•</td> <td></td> <td style="text-align: center;">•</td> <td></td> </tr> <tr> <td>E7000-010</td> <td style="text-align: center;">•</td> <td></td> <td></td> <td style="text-align: center;">•</td> </tr> <tr> <td>E7000-011</td> <td style="text-align: center;">•</td> <td style="text-align: center;">•</td> <td></td> <td style="text-align: center;">•</td> </tr> <tr> <td>E7000-012</td> <td style="text-align: center;">•</td> <td></td> <td style="text-align: center;">•</td> <td style="text-align: center;">•</td> </tr> </tbody> </table>	E7000 Model:	4-20 mA Output	Dry Contact	Open Collector	Anti-Reverse	E7000-000	•				E7000-001	•	•			E7000-002	•		•		E7000-010	•			•	E7000-011	•	•		•	E7000-012	•		•	•
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Electrical Characteristics:

4-20 mA Output:

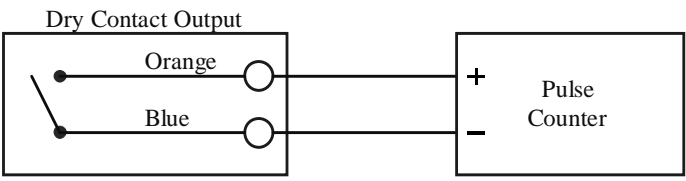
Operating Temperature:	+25 to +130 degrees F
Supply Voltage:	16 - 40 VDC
Temperature Coefficient:	±1.0%
Linearity:	0.1%
Accuracy:	0.5% over the entire range
Maximum Resistive Load:	Supply Voltage Dependent*
Reverse Voltage Protection:	-300V Maximum

Typical Wiring Diagrams:



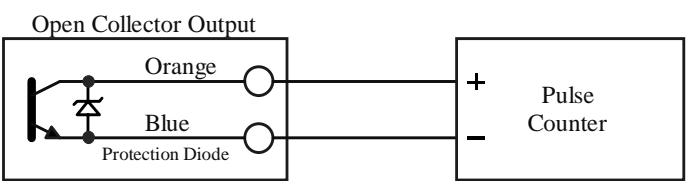
Dry Contact Output**:

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
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



* - Use formula (Supply Voltage - 16) ÷ 0.02 = Maximum Load(Ω)
 ** - Totalizer output operates only when power is applied to the 4-20 mA loop.