The Model 611000 transmitter converts an input gage positive pressure or vacuum to a proportional output current (P/I) or voltage (P/V). 1000 Vdc of isolation is provided from the power supply to the output to eliminate ground shifts. The instrument is housed in a polyamide enclosure with an integral DIN rail mount allowing quick installation. The zero, span, and pressure port are located at the front of the unit to further facilitate installation and calibration.

**TECHNICAL SPECIFICATIONS**

**INPUT RANGE:**
.5 to 250 psig

**OUTPUT RIPPLE:**
25.0 mV RMS, Typical

**ACCURACY:**
± 0.2% of Span @ 75°F, Typical

**STANDARD OUTPUT:**
4-20 mA dc 1000 Ω max @ 24 Vdc
0 to 5 Vdc 250 Ω min @ 24 Vdc
Maximum Voltage Out: 20 Vdc

**POWER:**
24 Vdc ± 10% @ 50 mA dc

**OPERATING TEMPERATURE RANGE:**
-20 to +140°F

**COMPENSATED TEMPERATURE RANGE:**
32 TO 122°F

**AMBIENT TEMPERATURE EFFECT:**
± 0.03% of Span / °F, Typical

**ISOLATION:**
1000 Vrms Maximum
(power supply to output)

**LINEARITY:**
± .25 % of Span, Typical
± 1 %, Maximum

**HYSTERESIS:**
± 0.20 % of Span, Typical

**FEATURES**

- DIN Rail Mount 35 mm
- Current or Voltage Mode Output Available
- Removable Connectors
- Polyamide Enclosure
- Non-Interacting Zero & Span
- Short Circuit Protected up to 5 Seconds (voltage mode)
- “Floating” Output

**APPLICATION**

- Tank level

*To order:*

Specify model number, input and output range. Example:

611000
Input: 0-1 psig
Output: 0-5 Vdc
NOTES

1. PRESSURE SENSOR (PSIG)

<table>
<thead>
<tr>
<th>SENSOR RANGE</th>
<th>PROOF PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>.5</td>
<td>20</td>
</tr>
<tr>
<td>1</td>
<td>20</td>
</tr>
<tr>
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<td>30</td>
<td>60</td>
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<tr>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>250</td>
<td>500</td>
</tr>
</tbody>
</table>

2. TERMINAL IDENTIFICATION

13) POWER SUPPLY +24 Vdc
14) POWER SUPPLY GROUND
15) OUTPUT GROUND
16) OUTPUT +

QUOTE OR ORDER NUMBER

Dimensions in inches unless otherwise specified

<table>
<thead>
<tr>
<th>DIMENSION TOLERANCES</th>
<th>UNLESS OTHERWISE SPECIFIED</th>
</tr>
</thead>
<tbody>
<tr>
<td>BASIC DIMENSIONS</td>
<td>FRACTIONAL</td>
</tr>
<tr>
<td>UP TO 6</td>
<td>+/- 1/64</td>
</tr>
<tr>
<td>OVER 6 TO 24</td>
<td>+/- 1/32</td>
</tr>
<tr>
<td>OVER 24</td>
<td>+/- 1/16</td>
</tr>
<tr>
<td>SCALE .5X</td>
<td>DO NOT SCALE DRAWING WORK TO DIMENSIONS</td>
</tr>
</tbody>
</table>

DRAWN: RML 02/25/97
CHECKED: REC 02/26/97
APPROVED: DDT 03/25/97

Analynk Wireless, LLC
790 CROSS POINTE ROAD
COLUMBUS, OHIO 43230

TITLE 24 VDC P/V, P/I
FOR MODLE 611000

FILE NAME EU000023.DWG

NEXT ASS’Y

DWG NO. SD-A-0184A