

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

24 Vdc P/I, P/V DIN RAIL MOUNT



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

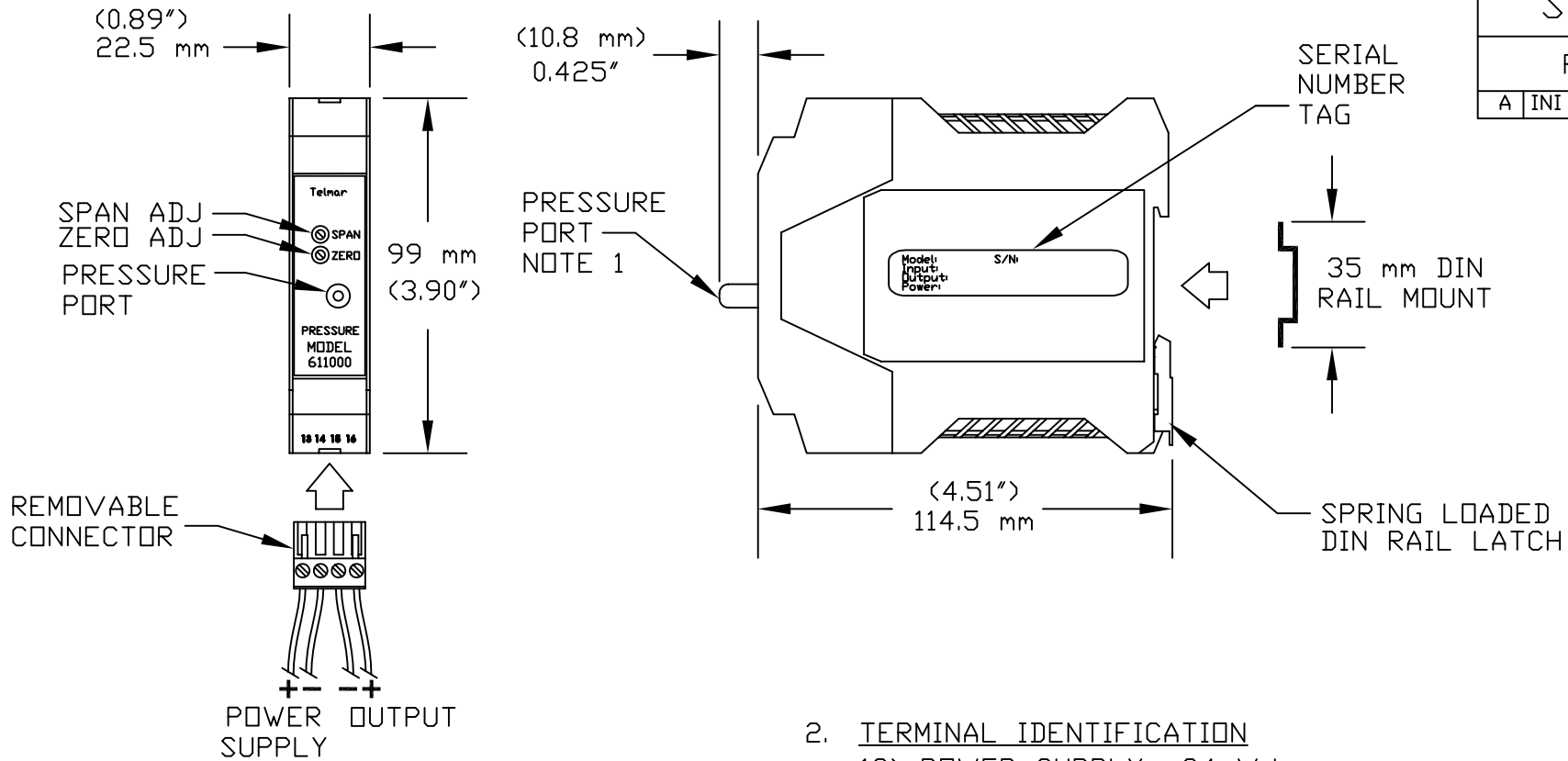
To order:

Specify model number, input and output range. Example:

611000

Input: 0-1 psig

Output: 0-5 Vdc



2. TERMINAL IDENTIFICATION

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

NOTES

1. PRESSURE SENSOR (PSIG)

SENSOR RANGE	PROOF PRESSURE
.5	20
1	20
5	20
15	45
30	60
100	200
250	500

QUOTE OR ORDER NUMBER		Analynk Wireless, LLC 790 CROSS POINTE ROAD COLUMBUS, OHIO 43230	
Dimensions in inches unless otherwise specified		TITLE 24 VDC P/V. P/I FOR MODEL 611000	
DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED			
BASIC DIMENSIONS	FRACTIONAL	DECIMAL	
UP TO 6	+/- 1/64	+/- .005	
OVER 6 TO 24	+/- 1/32	+/- .005	
OVER 24	+/- 1/16	+/- .010	
SCALE .5X	DO NOT SCALE DRAWING WORK TO DIMENSIONS		
DRAWN RML	DATE 02/25/97		
CHECKED REC	DATE 02/26/97		
APPROVED DDT	DATE 03/25/97	NEXT ASS'Y	DWG NO. SD-A-0184A

FILE NAME
EU000023.DWG