

APM489-BAR-DIM Bargraph Indicator

■ DESCRIPTION

- Red or Green LED high-brightness display.
- Suitable for most Process signals. V/I.
- Up to four alarm set point option available (APM489-BAR-ALM).
- Vertical or Horizontal mounting options.
- Display can be scaled in % or engineering units.
- Supply options: 10 - 28 Vdc / 86 – 264 Vac
- High stability & low cost
- 8 Level brightness control buttons on front fascia.

■ TECHNICAL SPECIFICATION

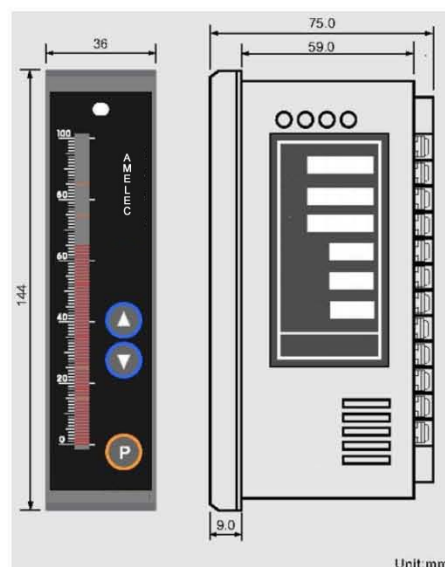
Input

Input Range	Input Impedance	Input Range	Input Impedance
Voltage 1 ~ 5 V	≥ 1M ohm	Current 0(4)~20	250 ohm

➤ Other ranges available on request.

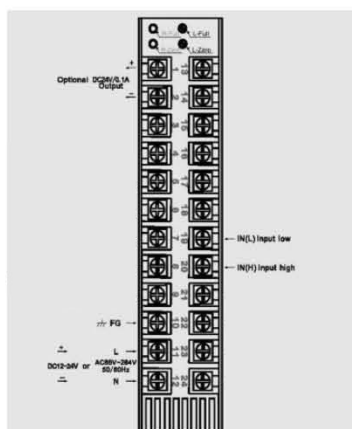
<u>Over load:</u>	Voltage: 1.5 x rated continuous. 2 x rated for 10 seconds.
<u>Display LED:</u>	101 Segments High-brightness red or green LED
<u>Scaling:</u>	% or Engineering units. Vertical or Horizontal mounting options
<u>Operating Temp:</u>	-30 ~ +70 °C.
<u>Relative humidity:</u>	<85 %R.H.
<u>Storage temp:</u>	-30 ~ +70 °C.
<u>Power supply:</u>	10-28Vdc / 86-264Vac
<u>Power consumption:</u>	≤ 0.7 W(F.S.)
<u>Dielectric Strength:</u>	DC 1 KV for 1 min. (Between Power / Input)
<u>Weight:</u>	≤100g

■ DIMENSIONS



Panel Cut-out dimensions: 33.5 x 137.5 mm

■ CONNECTION DIAGRAM





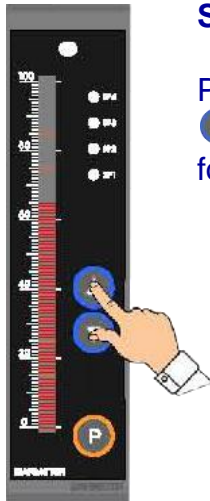
■ Wiring Diagram

NO.	Symbol	I/O	Function
1	Vout (H)	O	DC 24V Output (+) (Optional)
2	Vout (L)	O	DC 24V Output (-) (Optional)
5		O	
6		O	
7		O	
8		O	
9		O	
10	FG	I	Ground
11	PS+ / L	I	DC Power Positive or AC Power L
12	PS- / N	I	DC Power Negative or AC Power N
19	IN (L)	I	Signal Input Low
20	IN (H)	I	Signal Input High
21		O	
22		O	
23		O	
24		O	



APM489-BAR-DIM WIRING & OPERATING INSTRUCTIONS

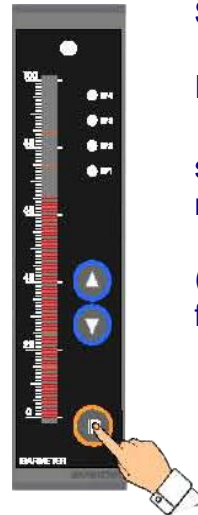
Bar Brightness Setting

The meter will enter into the bar brightness setting state when you press and hold the  and  buttons simultaneously for 3 seconds in the measurement state.




STEP 1

Press and hold the  and  buttons for 3 seconds.



STEP 3

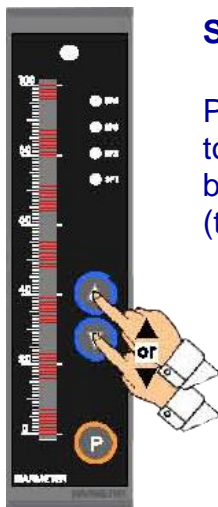
Press and hold the  button for 3 seconds to save the new brightness level.

(Or no key operation for 10 seconds.)





The bar will present in a zebra-stripe fashion.

CONNECTION DIAGRAM:



STEP 2

Press  or  button to control the bar's brightness. (there are 8 levels)

