

## APM489-36X-2-BAR Dual Channel Bar Meter

### ■ DESCRIPTION

- Red or Green LED high-brightness displays.
- Suitable for most Process signals. V/I.
- Vertical or Horizontal mounting options.
- Bars scaled 1-100 % as std, Engineering units are optional
- Supply options: 10 - 28Vdc / 86 – 264 Vac
- High stability & low cost
- 24Vdc loop Excitation option available

### ■ TECHNICAL SPECIFICATION

#### 2 x Input

| Input Range     | Input Impedance | Input Range     | Input Impedance |
|-----------------|-----------------|-----------------|-----------------|
| Voltage 1 ~ 5 V | ≥ 500K ohm      | Current 0(4)~20 | 50 ohm          |

➤ Other ranges available on request.

**Over load:** Voltage: 1.5x rated continuous.  
2 x rated for 10 seconds.

**Display LED:** 101 Segments High-brightness red or green LED

**Scaling:** % or Engineering units.  
Vertical or Horizontal mounting options

**Operating Temp:** -30 ~ +70°C.

**Relative humidity:** <85 %R.H.

**Storage temp:** -30~ +70°C.

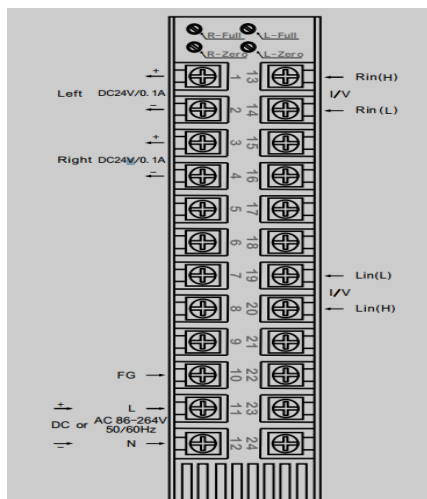
**Power supply:** 10-28Vdc / 86-264Vac

**Power consumption:** ≤ 0.7 W(F.S.)

**Dielectric Strength:** DC 1 KV for 1 min. (Between Power / Input)

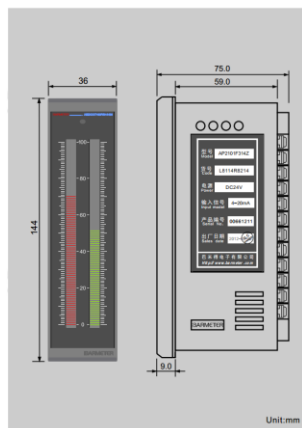
**Weight:** ≤100g

### ■ CONNECTION DIAGRAM

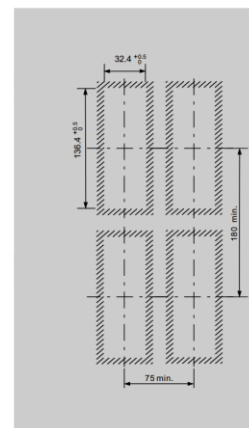


### ■ DIMENSIONS

#### ■ DIMENSION



#### ■ CUTOUT SIZE



Panel Cut-out dimensions: 33.5 x 137.5mm

### ■ Wiring Diagram

#### ■ CONNECTION DIAGRAM

| NO. | Symbol     | I/O | Function                           |
|-----|------------|-----|------------------------------------|
| 1   | L-Vout (H) | O   | Left DC 24V Output (+) (Optional)  |
| 2   | L-Vout (L) | O   | Left DC 24V Output (-) (Optional)  |
| 3   | R-Vout (H) | O   | Right DC 24V Output (+) (Optional) |
| 4   | R-Vout (L) | O   | Right DC 24V Output (-) (Optional) |
| 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    |
| 13  | RIN (H)    | I   | Right Signal Input High            |
| 14  | RIN (L)    | I   | Right Signal Input Low             |
| 19  | LIN (L)    | I   | Left Signal Input Low              |
| 20  | LIN (H)    | I   | Left Signal Input High             |