

APM489-36-BAR Single Channel Bar meter



DESCRIPTION

- Red or Green LED high-brightness display options.
- Single & Dual Channel options for Process I/V input signals
- Up to four alarm set points available – option ‘ALM’.
- Vertical or Horizontal mounting options.
- Display scaled 0-100 % as std, Engineering units are optional
- Power Supply options: 10 - 28Vdc / 86 – 264 Vac
- High stability & low cost
- 24Vdc input loop Excitation available – option ‘M’
- Dual Channel Bargraph option also available.

TECHNICAL SPECIFICATION

InputRange	Input Impedance	InputRange	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 LED as std
(Green LED option available on request)

Scaling: 0-100 (%) as std. Engineering_units available.
Vertical or Horizontal mounting options

Operating Temp: -30 ~ +70°C.

Relative humidity: <85 %R.H.

Storage temp: -30~ +70°C.

Power supply: 10-28Vdc or 85-264Vac options

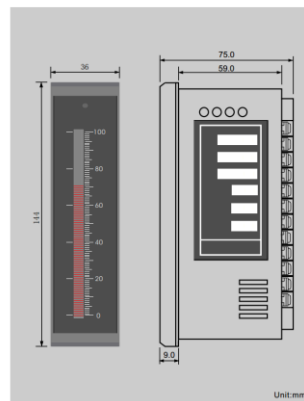
Power consumption: ≤ 0.7 W(F.S.)

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

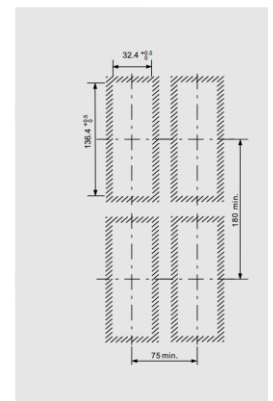
Weight: ≤250g

DIMENSIONS (36w x 144h Front Bezel)

DIMENSION



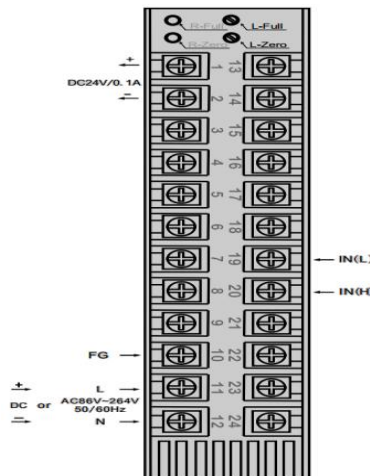
CUTOUT SIZE



Panel Cut-out dimensions (mm): 32.4 (+0.5) x 136.4 (+0.5)

(Use only Left channel connections below for Single Bar units)

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