

APM489-6-BCD Six Decade BCD Display

- 6 Digit RED LED high-brightness display.
- Non-Smart/Non-microprocessor based Analogue / Digital Technology.
- Suitable for use in SIL2 rated (IEC61508) safety instrumented system (SIS) loop applications (HFT:0)
- 24Vdc Power Supply as standard ($\pm 10\%$) (48Vdc supply option available)
- Inputs isolated from the Power supply.

Technical Specifications

Input

24 X 5V Logic input as standard
 Logit 1 = 3.5 to 6Vdc
 Logit 0 = 0 to 2.5V

(24Vdc Logic input option available on request).

Volt free, Open collector input configuration also available on request.

Display

6 x 0.5" Red LED Digit high brightness display **000000**

Supply

24Vdc $\pm 10\%$ (Consumption $< 110\text{mA}$)

Environmental Conditions

Storage Temperature: -20°C to $+70^{\circ}\text{C}$
 Operating Ambient: -10°C to $+60^{\circ}\text{C}$
 Relative Humidity: 5% to 95% RH (Non-Condensing)
 EMC: 2014/30/EU, EN61326-1:2013
 (Controlled EM)

Dimensions

Front Bezel: H:48mm W:96mm D:110mm
 (inc. terminals)

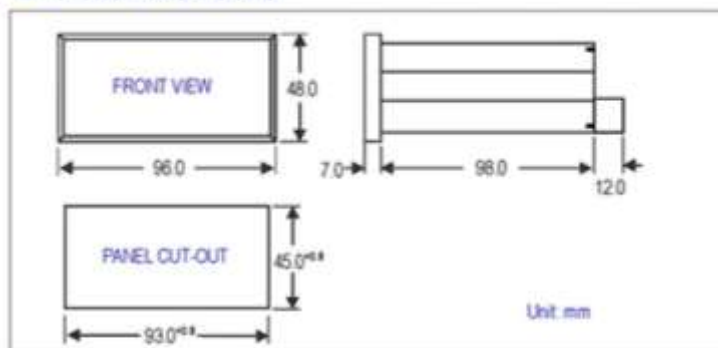
Panel cut-out: H:45mm W:93mm

IP Rating

IP50 front as standard
 (IP66 front watertight clear rubber cover option available if required).



■ DIMENSIONS



■ CONNECTION DIAGRAM

