

## 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  
 Logit 1 = 3.5 to 6Vdc  
 Logit 0 = 0 to 2.5V

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

#### Dimensions

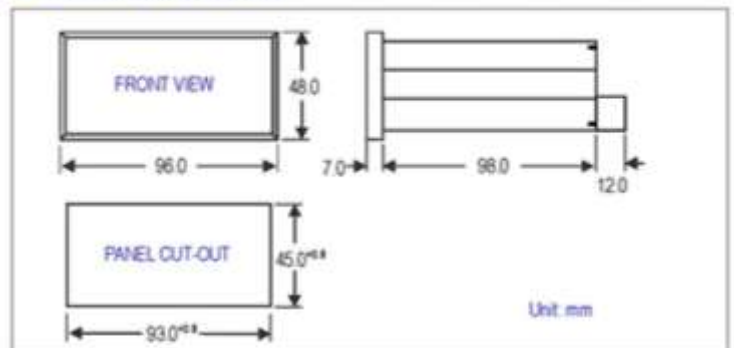
Front Bezel: H:48mm W:96mm D:110mm  
 (inc. terminals)

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**

