

## APM489-LD-2-P Large Display Process Meter

- 4 Digit Red LED High-brightness display.
- Suitable for a combination of Process Inputs
- 2" High Digits for up to 25 metre viewing.
- Supply Voltage 95-265Vac (12V / 24Vdc option available)
- Wall Mounting (Front Panel Mount option available)
- Day Light viewing LED Display option available for Outdoor Applications

### Technical Specifications

#### Input

| Current Input | Input Resistance | Voltage Input | Input Resistance |
|---------------|------------------|---------------|------------------|
| 0-10mA        | 33 Ω             | 0-5V          | 1 MΩ             |
| 0-20mA        |                  | 1-5V          |                  |
| 4-20mA        |                  | 0-10V         |                  |

#### Display

A 4 Digit Red LED High-brightness display with 57 mm (2") high characters.  
(Green, Yellow and White digit colours available on request)

The display can be calibrated as either 0 to 100.0% or in engineering units to suit applications.

Display scaled at factory prior to shipment, although can be re-scaled using front panel pushbuttons if required.

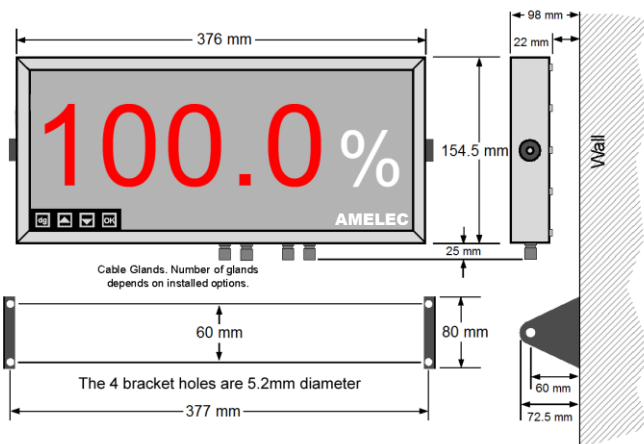
Accuracy: < 0.1% of range

#### Environmental Conditions

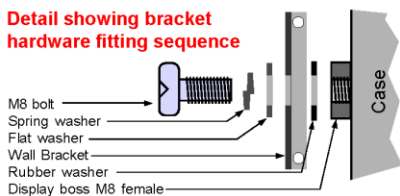
Storage: -20 to +70 °C  
Operating: -5 to +50 °C  
Sealing: All round IP65, with bottom cable glands.

(Internal Heater option available to allow operating down to -25 °C if required for outdoor applications)

#### Wall Mounting Details



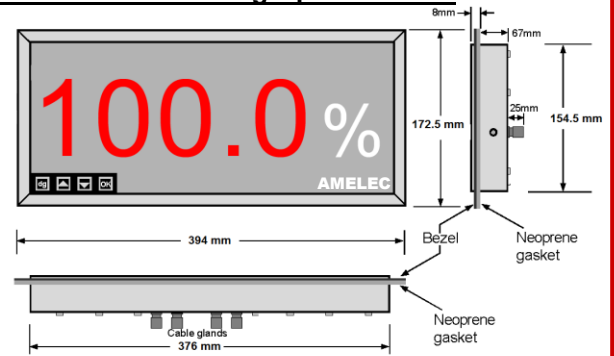
#### Detail showing bracket hardware fitting sequence



The side holes in the two brackets are 8.5mm dia. to accept M8 bolts.



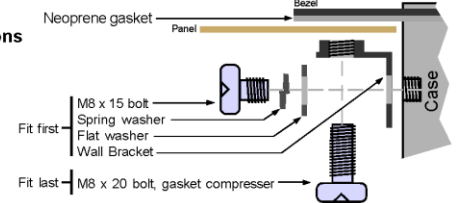
#### Front of Panel Mounting Option Details



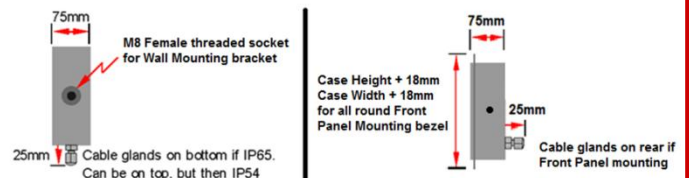
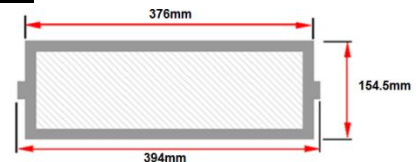
#### Detail showing bracket hardware fitting sequence

#### Panel cutout dimensions

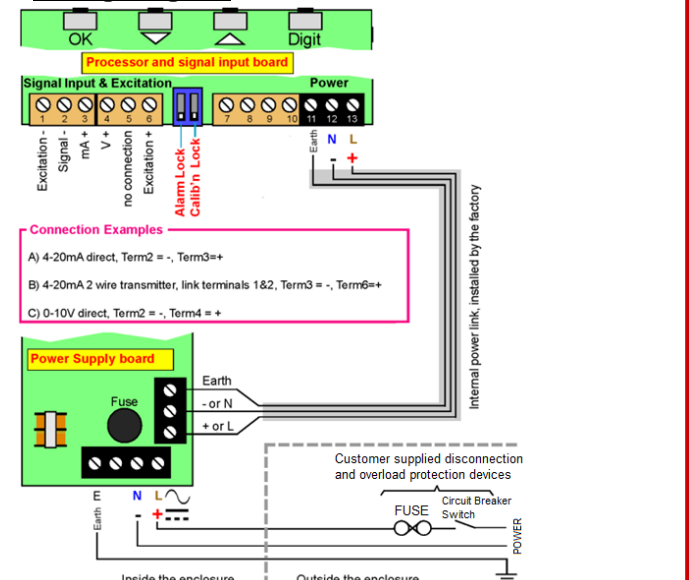
157.5 (h) x 379 (w)



#### Dimensions



#### Wiring Diagram



#### Connection Examples

- 4-20mA direct, Term2 = -, Term3 = +
- 4-20mA 2 wire transmitter, link terminals 1&2, Term3 = -, Term6 = +
- 0-10V direct, Term2 = -, Term4 = +