

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 as std (Consumption 40VA max)
- (12 / 24Vdc Supply option available)
- Wall Mounting (Front of Panel mounting option available)
- 24Vdc @60mA / 10V@20mA Excitation output options 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

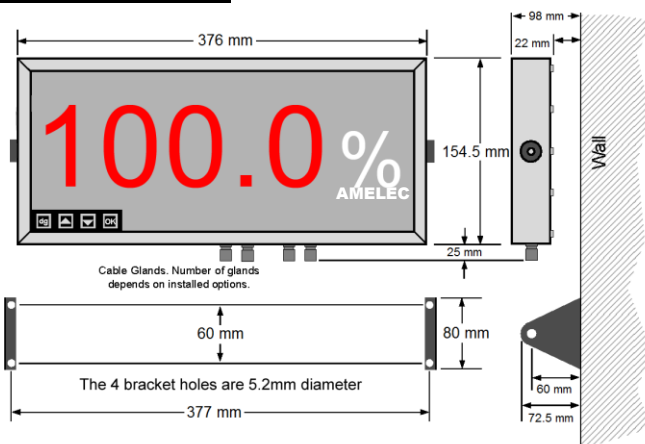
Storage: -20 to +70 °C

Operating: -5 to +50 °C

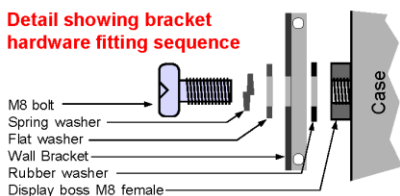
Sealing: All round IP65, with bottom cable glands.

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

Wall Mounting Details



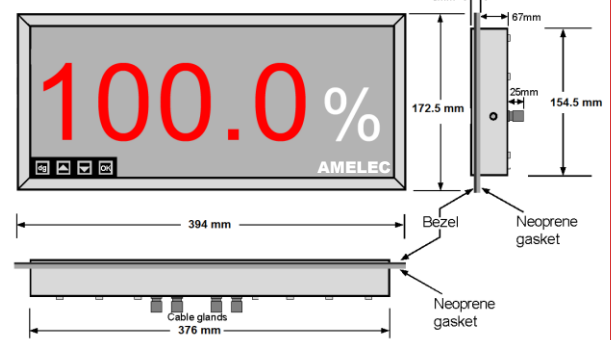
Detail showing bracket hardware fitting sequence



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



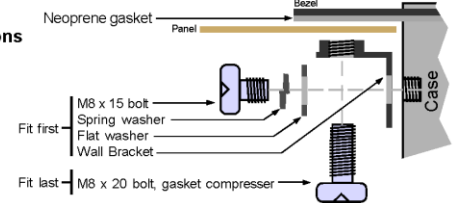
Front of Panel Mounting Option Details



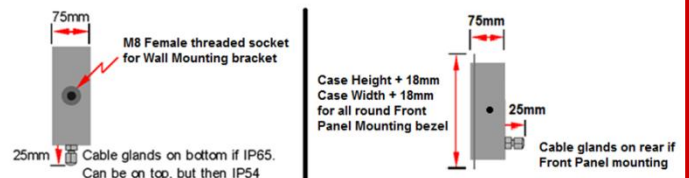
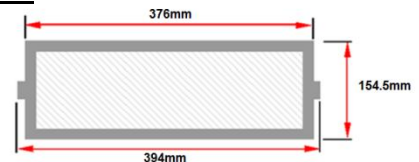
Detail showing bracket hardware fitting sequence

Panel cutout dimensions

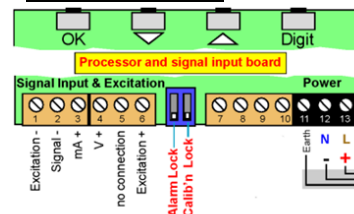
157.5 (h) x 379 (w)



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 = +

