

### APM489-72 Moving Coil Meter

Moving coil meters are suitable for measurement of DC current or voltage. All meters have a jewel and pivot movement which ensures reliability and Accuracy.



#### Technical Specifications

##### Input - Current

0-50 $\mu$ A to 0-40A direct connected  
> 0-40A use shunt and mV Voltmeter  
4-20 mA  
Can be driven from a transducer output

##### Input - Voltage

0-50mV to 0-800V Direct connected

##### Display

Scales are linear and calibrated from zero to full scale  
scaleplates are available in any process unit including:  
A, V,  $^{\circ}$ C, bar, rpm, kW and %  
Available in shortscale (90 $^{\circ}$  sweep)  
And longscale (240 $^{\circ}$  sweep)  
 $\pm$ 1.5% max. error

##### Voltage Drop:

-Ammeter <100mV

##### Current Consumption:

-Voltmeter <200V 1mA, >200V 200 $\mu$ A

#### Customer Termination

The customer gains entry at the rear via 2 stud connectors

#### Panel Fixing Detail

The customers panel cut out hole needs to be 68mm square with the enclosure held into the panel by clamp.

The customers panel must be no more than 10 mm thick

#### Environmental Conditions

Storage Temperature -40 to 70 $^{\circ}$ C

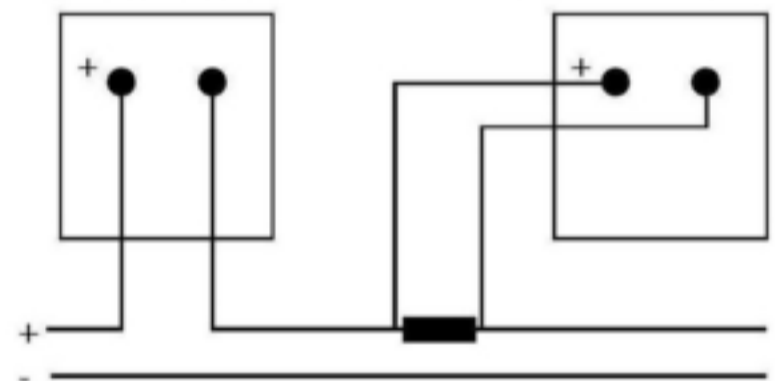
Operating Ambient -15 to 55 $^{\circ}$ C

#### WIRING

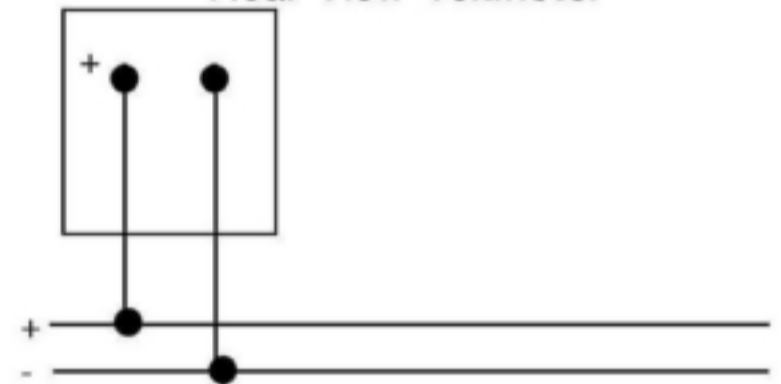
##### Rear View-Ammeters

###### Direct connection

###### Shunt operated



##### Rear View-Voltmeter



#### Dimension:

Bezel size: 72 x 72 mm

Cutout Size: 68 x 68 mm

Depth: 60 mm Including terminals

#### Note:-

Unit should only be removed from its enclosure from the front.