

# Panel Meters

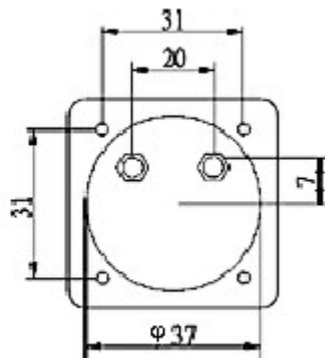
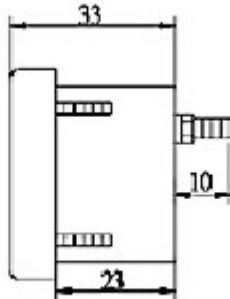
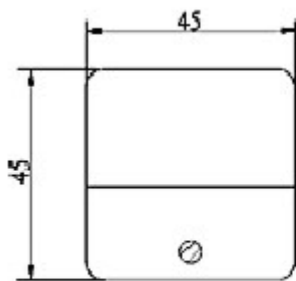


## Moving Coil Meters



### Specifications:

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| Movement                 | : Moving coil type                                                     |
| Measuring range          | : 90°C                                                                 |
| Pointer                  | : 0.4 m / m                                                            |
| Pointer colour           | : Red / Black                                                          |
| Pointer position         | : Left zero hand                                                       |
| Scale                    | : Aluminium                                                            |
| Coil resistance          | : 1,500 $\Omega$ $\pm$ 10%                                             |
| Current sensitivity      | : DC 100 $\mu$ A $\pm$ 2.5%                                            |
| Friction tolerance       | : $\pm$ 0.4 m / m                                                      |
| Balance                  | : Within the pointer width $\pm$ 0.4 m / m vertically and horizontally |
| Over current             | : Within 5 items of rate current                                       |
| Operation temperature    | : Between -20°C and +60°C                                              |
| Zero position difference | : Within width of pointer                                              |
| + Terminal               | : Right side when seen from front Class 2.5.                           |



### Specification Table

| Type       | Full Scale Deflection | Case Dimension | Part Number  |
|------------|-----------------------|----------------|--------------|
| Ammeters   | 1 mA                  | 45 × 45        | SD38/0-1MA   |
|            | 20 mA                 |                | SD38/0-20MA  |
|            | 500 mA                |                | SD38/0-500MA |
|            | 1 A                   |                | SD38/0-1A    |
|            | 3 A                   |                | SD38/0-3A    |
|            | 5 A                   |                | SD38/0-5A    |
| Voltmeters | 15 V                  | 45 × 45        | SD38/0-15V   |
|            | 30 V                  |                | SD38/0-30V   |

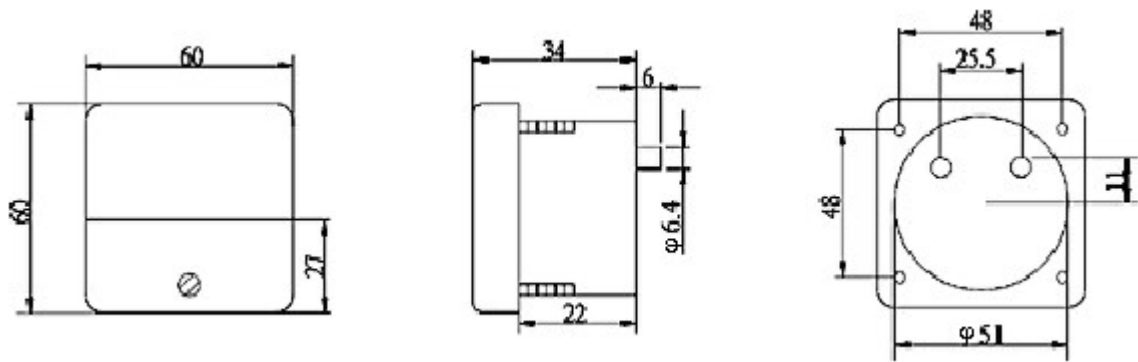
Dimensions : Millimetres



# Panel Meters



## Moving Coil Meters



Specification Table

| Type       | Full Scale Deflection | Case Dimension | Part Number |
|------------|-----------------------|----------------|-------------|
| Ammeters   | 1 mA                  | 60 × 60        | SD60/0-1MA  |
|            | 20 mA                 |                | SD60/0-20MA |
|            | 1 A                   |                | SD60/0-1A   |
|            | 5 A                   |                | SD60/0-5A   |
|            | 10 A                  |                | SD60/0-10A  |
|            | 15 A                  |                | SD60/0-15A  |
|            | 30 A                  |                | SD60/0-30A  |
|            | 50 A                  |                | SD60/0-50A  |
| Voltmeters | 15 V                  |                | SD60/0-15V  |
|            | 30 V                  |                | SD60/0-30V  |
|            | 300 V                 |                | SD60/0-300V |

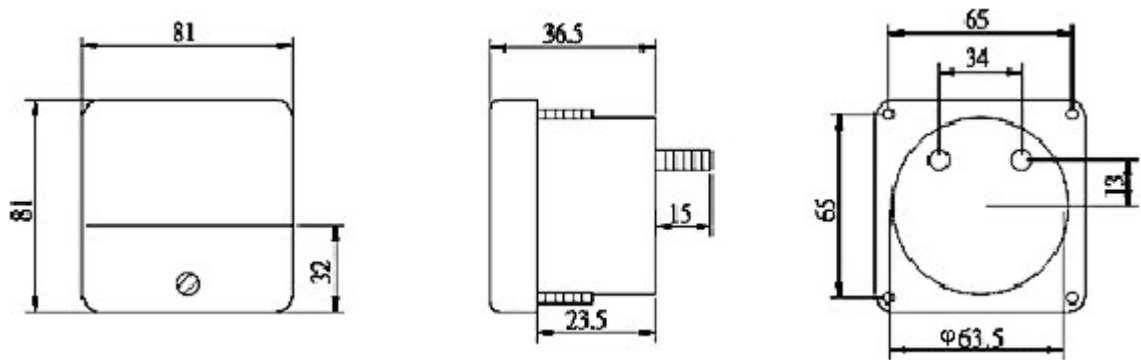
Dimensions : Millimetres



# Panel Meters



## Moving Coil Meters



Specification Table

| Type       | Full Scale Deflection | Case Dimension | Part Number |
|------------|-----------------------|----------------|-------------|
| Ammeters   | 1 mA                  | 81 × 81        | SD80/0-1MA  |
|            | 10 A                  |                | SD80/0-10A  |
|            | 30 A                  |                | SD80/0-30A  |
|            | 50 A                  |                | SD80/0-50A  |
| Voltmeters | 15 V                  |                | SD80/0-15V  |
|            | 30 V                  |                | SD80/0-30V  |
|            | 300 V                 |                | SD80/0-300V |

Dimensions : Millimetres

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.

