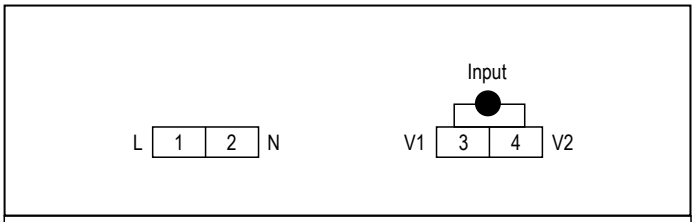
# Digital Voltmeter

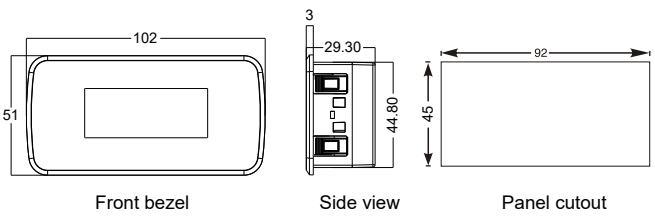
## Terminal connections




Cable Size (AWG): 20 to 14 ; Tightening Torque (Lb-inch): 6.018 to 6.992

Cable Size (mm ): 0.5 to 2.5 ; Tightening Torque (N-m): 0.68 to 0.79

## Dimensions (All are in mm)




## Standards compliance

| Category | Standards | Compliance |
|---|---|---|
| ESD Immunity | IEC 61000 - 4- 2 | Level IV (Air discharge : 8kV), (Contact discharge : 4kV) |
| Surge immunity | IEC 61000 - 4 - 5 | + / - 2kV Common mode, (Line to ground) |
| Radiated susceptibility | IEC 61000 - 4 - 3 | Level III, 80 to 1000MHz (10V / m)<br>Level II, 1.4GHz to 2GHz (3V / m)<br>Level I, 2GHz to 2.7GHz (1V / m) |
| Conducted susceptibility | IEC 61000 - 4 - 6 | Level II (3V / m) |
| Voltage dips and interruptions | IEC 61000 - 4 - 11 | **Dips :** 0% Residual voltage / 1 Cycle (Criteria B), 40% Residual voltage / 10 Cycles 50Hz / 12 Cycles 60Hz (Criteria C), 70% Residual voltage / 25 Cycles 50Hz / 30 Cycles 60Hz (Criteria C)<br>**Interruptions :** 0% Residual voltage / 250 Cycles 50Hz / 300 Cycles 60Hz(Criteria C) |
| Conducted emission | CISPR - 11 | - |
| Radiated emission | CISPR - 11 | - |
| Electrical fast transient | IEC 61000 - 4 - 4 | Level III (2kV) |

## Ordering information

| | | |
|---|---|---|
| **MV15** | 240V AC (± 20%) | - - - |
| **MV15-CE** | 240V AC (± 20%) | |