



# DC VOLTAGE METER

AV-34DV

## APPLICATIONS

Electrical Control Panel

---

Power Distribution

---

Instrumentation Panel

---

Transformer training

---

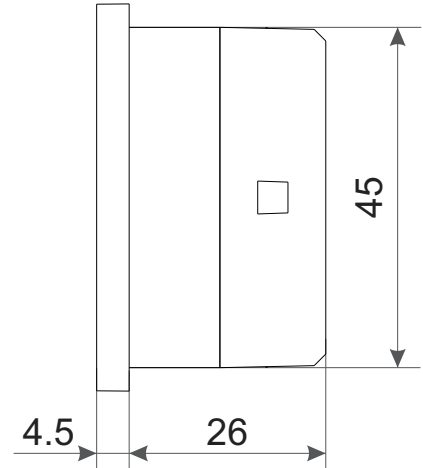
# Mechanical Dimensions

## Body Dimensions



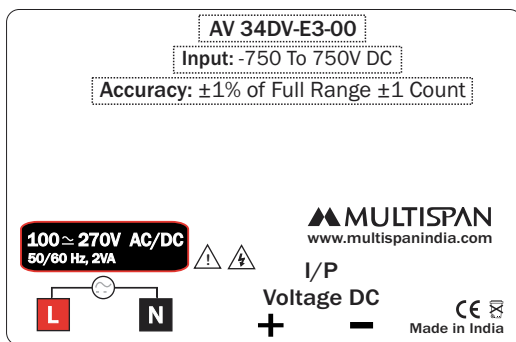
**FRONT VIEW**

All dimensions are in mm

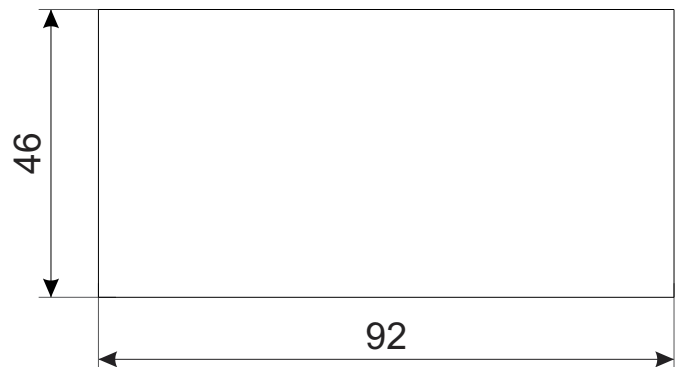


**RIGHT SIDE VIEW**


## Connection Diagram



## Panel Cutout



# TECHNICAL DATA

<b>Input</b>	-20.0V to +20.00V DC -50.0V to +50.0V DC -100V to 100.0V DC -200V to +200.0V DC -750V to +750V DC
<b>Voltage (DC)</b>	
<b>Accuracy</b>	±1% of Full Range ±1 Count
<b>Power Supply</b>	100 To 270V AC/DC , 50/60 Hz
<b>Certification</b>	

Input	
<b>Voltage (DC)</b>	-20.0V to +20.00V DC -50.0V to +50.0V DC -100V to 100.0V DC -200V to +200.0V DC -750V to +750V DC
<b>Burden</b>	<0.2VA

Environmental Characteristics	
<b>Working Temperature</b>	0 to 55 °C
<b>Storage Temperature</b>	0 to 70 °C
<b>Relative Humidity</b>	95% RH Non-condensing
<b>Protection (As per Request)</b>	IP-65 (Front Side)

Power Supply	
<b>Standard</b>	100 to 270V AC/DC, 50/60 Hz
<b>Consumption</b>	Up to 2VA

Mechanical Characteristics	
<b>Mounting Type</b>	Panel Mount
<b>Dimension (HxWxD) mm</b>	51.5 x 98 x 26
<b>Panel Cutout (HxW) mm</b>	46 x 92
<b>Material</b>	Front Enclosure Polycarbonate (PC) ABS
<b>Terminal Screw Size</b>	M3.5
<b>Screw Torque (N.m)</b>	0.5
<b>Wire Gauge (AWG)</b>	26-14
<b>Weight (Approx) gms</b>	Unpacked : 195 Packed : 225
<b>Accessories</b>	1 Pair of Mounting Clamps

Display
4 Digit 7 seg 0.8", RED LED Display

Accuracy
±1% of Full Range ±1 Count