



DE-945D DC Voltage/Current Meter
DE-945A AC Voltage/Current Meter
DE-945R Resistor (Ohm) Meter

Features

- Measuring DC V, DC A, AC V, AC A, Ohm
- 4~20mA, 1~5V Measurement
- DIN Case 96 x48mm

Specifications

Display : 4 1/2(19999) digits, 0.56" (14.2mm) height LED

Conversion Rate : 2.5/sec. (DC) or 1/sec. (AC)

Span Adjustment : ±10%

Polarity Display : "-" symbol is displayed automatically

Over Range Indication : "0000" flash

Accuracy : DC ±0.05% F.S. ±2 digits

(23±5°C) AC ±0.1% F.S. ±2 digits

Ohm ±0.1% F.S. ±1 digit

Operating Temp. / Humidity : 0~50°C / Below 80% R.H.
 (No Condensation)

Storage Temp. / Humidity : -10~60°C / Below 70% R.H.
 (No Condensation)

Power Supply : AC 115/230V ±10%, 50/60Hz
 DC 24, 48, 120V ±20%

Power Consumption : Approx. 2VA

Weight : Approx. 250g

Dielectric Strength : Isolation between input & output
 AC 1500V/1min

Insulation Resistance : More than 100MΩ between
 terminals at 500V DC

Dimension : 96(W) x48(H) x104(D)mm

Panel Cut-Out : 91.5(W) x44(H)mm

Voltage Measurement

Model : DE-945D, DE-945A

Order Code	Range	Input Impedance	Input Protection
V1	0~199.99mV	100MΩ	100V
V2	0~1.9999V	1MΩ	250V
V3	0~19.999V	1MΩ	500V
V4	0~199.99V	1MΩ	750V
V5	0~600.0V	1MΩ	750V

Current Measurement

Model : DE-945D, DE-945A

Order Code	Range	Input Impedance	Input Protection
A1	0~199.99uA	1KΩ	100mA
A2	0~1.9999mA	100Ω	300mA
A3	0~19.999mA	10Ω	500mA
A4	0~199.99mA	1Ω	1A
A5	0~1.9999A	0.1Ω	5A
A6	0~5.000A	0.01Ω	10A
A7	0~10.000A	0.01Ω	20A

Analog Input Measurement

Model : DE-945D, DE-945A

Order Code	Range	Input Impedance	Input Protection
11	1~5V (DC)	1MΩ	300V
21	4~20mA (DC)	10Ω	200mA

Resistor (Ohm) Measurement

Model : DE-945R

Order Code	Range	Test Current
R1	0~199.99Ω	1mA
R2	0~1.9999KΩ	1mA
R3	0~19.999KΩ	100uA
R4	0~199.99KΩ	10uA
R5	0~1.9999MΩ	1uA

Order Code

DE-945D, DE-945A
DE-945R

Range

V1~V5

A1~A7

11, 21

R1~R5

00 : Option

Power Supply

1 : AC 115/230V $\pm 10\%$, 50/60Hz

Y : Option (DC 24 , 48 , 120V $\pm 20\%$)

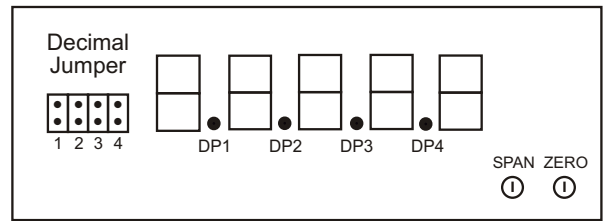
Code Number

Example : DE - 945D - V5 - 1

Measurement : DC 0~600.0V

Power Supply : AC 115/230V $\pm 10\%$, 50/60Hz

Front Panel



※ **SPAN** : Span full scale Adj $\pm 10\%$

ZERO : Zero offset Adj $\pm 5\%$

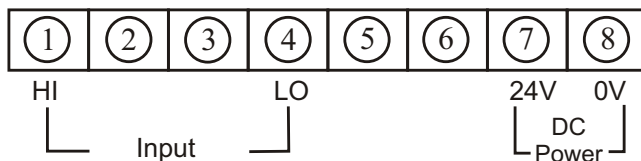
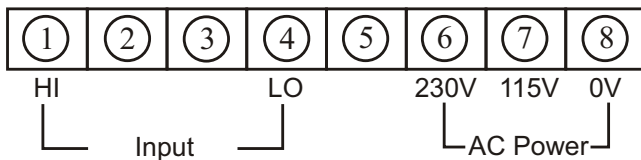
Decimal Select : Short 4 $\rightarrow 1XXX.X$

Short 3 $\rightarrow 1XX.XX$

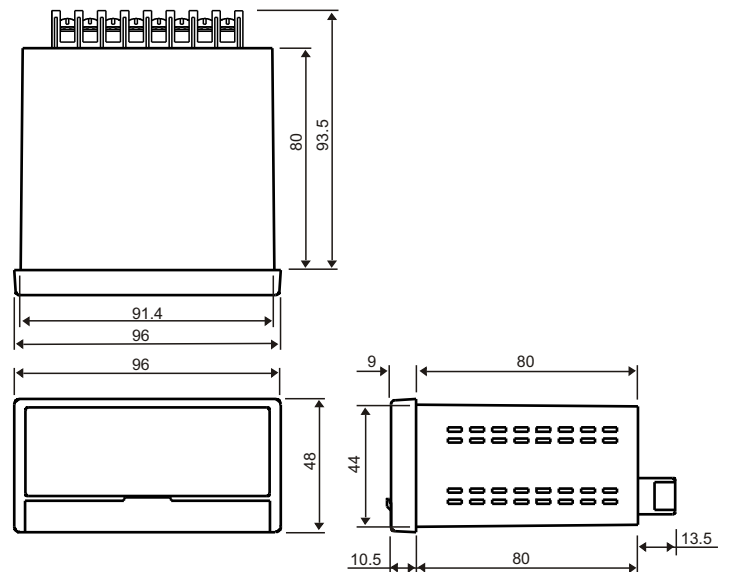
Short 2 $\rightarrow 1X.XXX$

Short 1 $\rightarrow 1.XXXX$

Connection Diagram



Dimension



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DER EE

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ISO 9001

Appearance and specification may be revised if needed without notice in prior.