



**DE-935D** DC Voltage/Current Meter  
**DE-935A** AC Voltage/Current Meter  
**DE-935R** Resistor (Ohm) Meter  
**DE-935C** RTD Temperature Meter

### Features

- Measuring DC V, DC A, AC V, AC A, Ohm, RTD Temp.
- 4~20mA, 1~5V Measurement
- Low Cost
- DIN Case 96 x48mm

### Specifications

**Display** : 3 1/2(1999) 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** : " 1 " or " -1 "

**Accuracy** : DC ±0.1% F.S. ±1 digit

(23 ±5°C) AC ±0.25% F.S. ±1 digit

Ohm ±0.2% F.S. ±1 digit

RTD ±0.25% 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-935D, DE-935A

Order Code	Range	Input Impedance	Input Protection
V1	0~199.9mV	100MΩ	100V
V2	0~1.999V	1MΩ	250V
V3	0~19.99V	1MΩ	500V
V4	0~199.9V	1MΩ	750V
V5	0~600V	1MΩ	750V

### Current Measurement

Model : DE-935D, DE-935A

Order Code	Range	Input Impedance	Input Protection
A1	0~199.9uA	1KΩ	100mA
A2	0~1.999mA	100Ω	300mA
A3	0~19.99mA	10Ω	500mA
A4	0~199.9mA	1Ω	1A
A5	0~1.999A	0.1Ω	5A
A6	0~5.00A	0.01Ω	10A
A7	0~10.00A	0.01Ω	20A

### Analog Input Measurement

Model : DE-935D, DE-935A

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	0~199.9Ω	1mA
R2	0~1.999KΩ	1mA
R3	0~19.99KΩ	100uA
R4	0~199.9KΩ	10uA
R5	0~1.999MΩ	1uA

### RTD Temperature Measurement

Model : DE-935C

Order Code	Range	Sensor
C1	-100.0~100.0°C	PT-100 DIN...Standard (JIS...Option)
C2	0~100°C	
C3	0~199.9°C	
C4	0~400°C	

## Order Code

DE-935D, DE-935A  
DE-935R, DE-935C

Range

V1~V5

A1~A7

11, 21

R1~R5

C1~C4

00 : Option

Power Supply

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

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

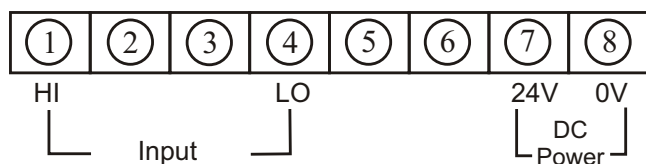
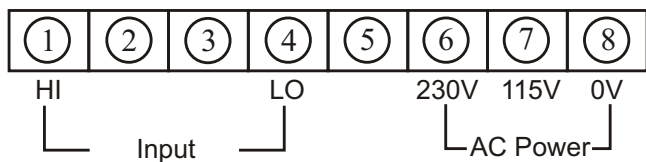
Code Number

Example : DE - 935A - A5 - 1

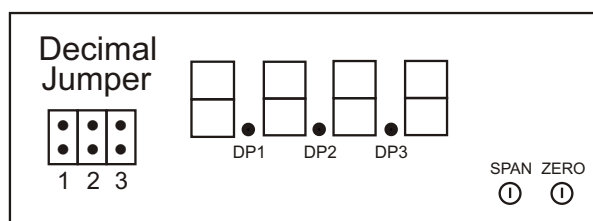
Measurement : AC 0~1.999A

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

## Connection Diagram



## Front Panel



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

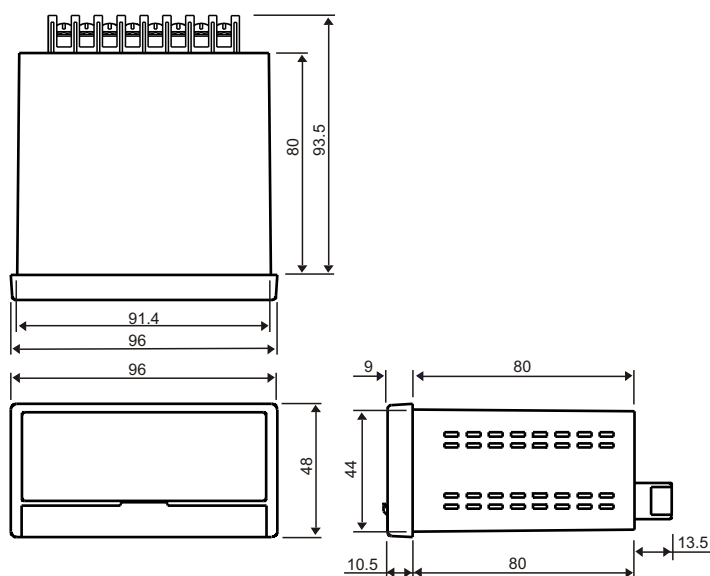
**ZERO** : Zero offset Adj  $\pm 5\%$

**Decimal Select** : Short 3  $\rightarrow 1XX.X$

Short 2  $\rightarrow 1X.XX$

Short 1  $\rightarrow 1.XXX$

## Dimension



得益工業儀器有限公司

**DER EE**

**ELECTRICAL INSTRUMENT CO., LTD.**

台灣台北縣中和市中山路二段351號7F之2(華隆科技大樓)

7F-2, NO.351, SEC.2, CHUNG SHAN ROAD.,

CHUNG HO CITY, TAIPEI HSIEN, TAIWAN

TEL:886-2-2226-6789(REP.) FAX:886-2-2226-7979

E-mail:deree@ms21.hinet.net

http://www.deree.com.tw

ISO 9001

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