



DE-940D DC V/A Meter DE-940A True RMS AC V/A Meter

Features

- Max/Min Function
- Hold Function
- True RMS V/A
- CT or PT Rate Free Setting
- Direct Setting Function
- 4~20mA, 1~5V Measurement
- DIN Case 96 x48mm

Specifications

Display : 0.56" (14.2mm) height red LED

Max. Display : 4 digits (9999)

Polarity Display : "—" symbol is displayed automatically

Over Range Indication : "O.L."

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

Decimal Point : Settable to any digit position by front sheet switch

External Control : Hold, Max, Min

Accuracy (23 ±5°C) ±0.1% F.S. ±2 digits

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. 3VA

Weight : Approx. 290g

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

Order Code	Range	Input Impedance	Input Protection	Display Adjustable
V1	0~999.9mV	1MΩ	300V	Offset ±9999 Fullscale ±9999
V2	0~9.999V	1MΩ	300V	
V3	0~99.99V	1MΩ	300V	
V4	0~600.0V	1MΩ	600V	

Current Measurement

Order Code	Range	Input Impedance	Input Protection	Display Adjustable
A1	0~999.9μA	100Ω	50mA	Offset ±9999 Fullscale ±9999
A2	0~9.999mA	10Ω	150mA	
A3	0~99.99mA	1Ω	500mA	
A4	0~999.9mA	0.1Ω	3A	
A5	0~5.000A	0.01Ω	10A	
A6	0~10.00A	0.01Ω	15A	

Analog Input Measurement

Order Code	Range	Input Impedance	Input Protection	Display Adjustable
11	DC 1~5V	1MΩ	±300V	Offset ±9999 Fullscale ±9999
12	DC 0~10V			
13	DC 0~50mV			
14	DC 0~60mV			
21	DC 4~20mA			

Order Code

DE-940A

DE-940D

Range

V1~V4

A1~A6

11~14

21

00 : Option

Power Supply

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

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

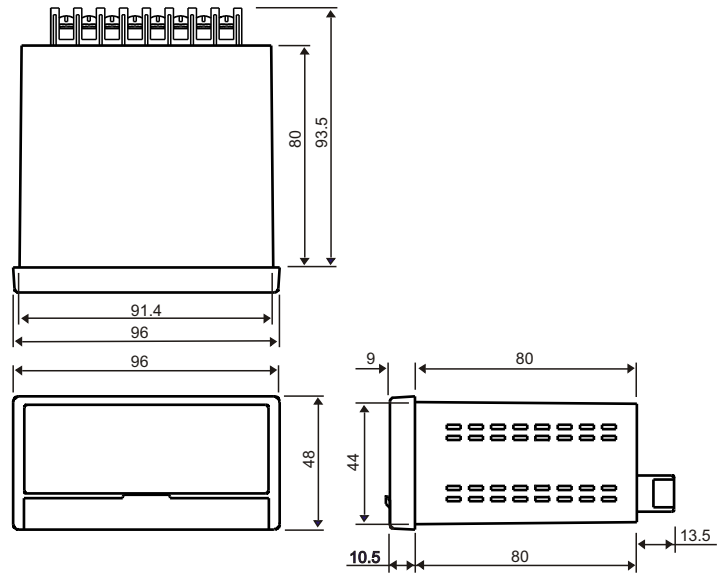
Code Number

Example : DE - 940A - A5 - 1

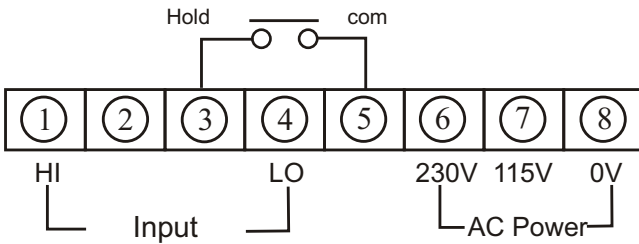
Measurement : AC 0~5.000A True RMS

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

Dimension



Connection Diagram



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.