

TEMP. / HUMIDITY / DEWPOINT CONTROL METER

DER EE[®]



DE-940TH

Features

- 3 unit measurement of Temp. / Humidity / Dew Point
- 2 relay outputs
- Water resistant sensor
- RS-485 interface (Option)
- DIN case 96×48mm

Specifications

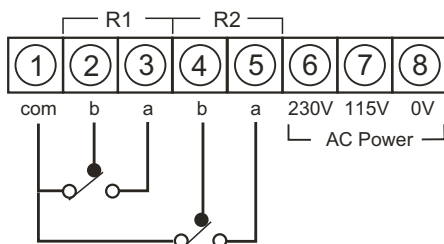
Display :	Red LED 0.4" high (Temp.) Green LED 0.3" high (Humidity/Dew point)
Max. Display:	4 digits (Auto range)
Conversion Rate:	1/sec.
Isolation :	Input / Output / Power
Memory :	EEPROM
Accuracy :	Temp. : $\pm 0.5^{\circ}\text{C}$ Humidity : $\pm 3\%$ FS.
Operating Temp. :	0~60°C / Below 80%R.H.
Storage Temp. :	-10~70°C / Below 70% R.H.
Power Supply:	AC 115/230V $\pm 10\%$, 50/60Hz
Power Consumption:	Approx. 4VA
Insulation Resistance:	More than 100M Ω at 500VDC
Dimensions :	96(W) x 48(H) x 144(D)mm
Panel Cut-Out:	91.5(W) x 44(H)mm

Connection Diagram

Upper



Lower



Input

Temp. : -30.0 ~ 120.0 °C
Humidity : 0 ~ 100.0%

Relay Output

Control System: Microcomputer
Setting Range: Free setting
Temp: -30.0 ~ 120.0°C
Humidity: 0 ~ 100.0%
Relay Contact Capacity: AC 250V, 5A resistive load
DC 30V, 5A resistive load

RS-485 Interface (option)

Address : 1 ~ FF
Baudrate : 19200, 9600, 4800, 2400
Frame : N.8.2, E.8.1, O.8.1, N.8.1
Protocol : Modbus RTU Mode

Order Code

DE-940TH —

Relay output

1 : Temp. ×1

Humi. ×1

N : None

Y : Option

Power Supply

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

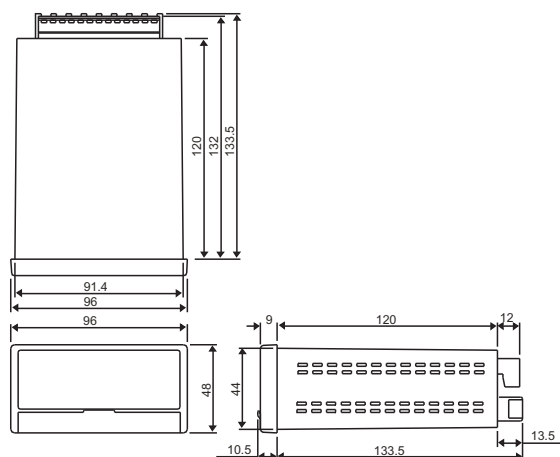
Y : Option.

Output

N : none

1 : RS-485

Dimensions



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.