



PDS-85/PDS-96 PROGRAMMABLE RESISTANCE DECADE

The **PDS-85/PDS-96** are programmable resistance decades offering a user-friendly interface with keypad data entry. The unit is programmable via RS232 computer interface.

- Resistance range from 0.1 Ohms to 300 Kohms/100 mOhms to 10 Mohms.
- Accuracy 0.02%.
- Simple keypad operation for value selection.
- Back-lit LCD display.
- 2, 3, 4 Wires connection.
- RTD (Pt, Ni) simulation with accuracy of 0.2°C
- Interface RS232.

Technical Parameters:

- Resistance resolution: 0.001 Ohm
- Temperature coefficient: less than 25 ppm/°C
- Operating Voltage: 100 – 240 VAC/50 – 60 Hz.
- Isolation resistance between signals output and housing: more than 2 Gohms at 500 VDC.
- Remote Control: RS232
- Reference Temperature: 18 – 28°C
- Operating Temperature: 5 – 40°C
- Storage Temperature: -10 – 60°C
- Dimensions: W 12.8", H 4.37", D 12.4"
- Weight: 9.9 lbs.

Resistance Accuracy	
Range	PDS-85 Accuracy
10 ohms – 200 ohms	0.05% + 15 mOhms
200 ohms – 10 Kohms	0.02%
10 Kohms – 50 Kohms	0.05%
50 Kohms – 100 Kohms	0.1%
100 Kohms – 300 Kohms	0.5%

Resistance Accuracy	
Range	PDS-96 Accuracy
0.1 – 200 Ohms	0.05% + 15 mOhms
200 – 2 Mohms	0.02%
2 Mohms – 10 Mohms	0.05%



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