

ADR Series

DECADE STANDARD RESISTOR (Digital Type)



The ADR Digital Type equipped with a CPU is easy to set a desired resistance value either by hand in local mode or by personal Computer in remote mode. The ADR Digital Type originally holds data memory such as specific ohmic values corresponding to temperatures in Pt100 resistance thermometer so that data inputting jobs can be eliminated, resulting in time saving for measuring operation. It is constructed with ultra-precision metal foil resistors which are manufactured by Alpha Electronics Corp. and which have been established as the best precision resistive component in the world market for the very low temperature coefficient and the excellent long-term Stability of resistance. In order to itself from environmental noise, it is properly dressed in double electrical shielding.

Specifications

Model	Min..Resistance Value	Max.Resistance Value	Accuracy	Max.wattage
ADR - 1202	0.100	1.999999k	± 0.005%+2m	0.5W
ADR - 1203	0.10	19.99999k		
ADR - 1204	0.1	199.9999k		
ADR - 2203	0.100	1.999999k		
	0.10	19.99999k		
ADR - 2204	0.10	19.99999k		
	0.1	199.9999k		
ADR - 3204	0.100	1.999999k		
	0.10	19.99999k		
	0.1	199.9999k		

G=GP-IB, R=RS-232C

Example : ADR-1202G

ADR-1000 series works on a single range.

ADR-2000 series is convertible to work on two different ranges of decade.

ADR-3000 series is convertible to work on three different ranges of decade.

Features

Remote mode of operation using GP-IB or RS232C connection

Accuracy 0.005 % + 2m in six and half a digit readings

Temperature coefficient of resistance 5ppm

Long-term stability in resistance 50ppm / year

Low thermal EMF terminal

Double electrical shielding Protective against noise

Quick response capable of setting a desired resistance in as fast as 100ms

Interface specification open to users

Usable stand-alone in local mode

Workable Computer

Either PC98 or PC/AT compatible on MS-DOS3.3 or later(DOS Prompt for Windows95)

Dimensions

260(W) × 149(H) × 240(D)mm

Distributor

ADR Series

DECADE STANDARD RESISTOR(6 Dial Type)



The ultra-Precision resistor, the rotary Switch, the output terminal and the double shield construction feature the ADR 6 Dial Type with 6 1/2 digit readings. Resistor used in the ADR 6 Dial Type are ultra-Precision metal foil resistors manufactured by Alpha Electronics Corp., assuring high stability to time and have very low contact resistance as three Clip-typed contacts are connected in parallel. The three contacts assure higher reliability mechanically. Output terminals have little thermal EMF, using rectangular wires of low thermal resistance material in a well-designed circuit configuration. Double shielded construction inhibits interference of environmental noise.

Specifications

Model	Max. Resistance Value	Dial Resistance Value/Step()						Accuracy	Max. Wattage
		Dial 1	Dial 2	Dial 3	Dial 4	Dial 5	Dial 6		
ADR-6102M	1.111210k	100	10	1	0.1	0.01	0.001	± 0.005% +2m	0.5W
ADR-6103M	11.11110k	1k	100	10	1	0.1	0.01		
ADR-6104M	111.1110k	10k	1k	100	10	1	0.1		
ADR-6105M	1.111110M	100k	10k	1K	100	10	1		

Features

- Accuracy 0.005% + 2 mΩ
- Temperature coefficient of resistance 5 ppm /
- Long-term stability in resistance 50 ppm / year
- Low contact resistance switch and three contact connection dial
- Low thermal EMF terminal
- Double electrical shielding protective against noise

Distributor



RST ENGINEERING CO.,LTD.

HEAD OFFICE
NO.382, NISHIKANAGASAKI, KANSHUJI,
YAMASHINA-KU, KYOTO, 607-8228 JAPAN
TEL(075)501-5501 FAX(075)501-7091

URL <http://www.rst-eng.co.jp/>
E-mail info@rst-eng.co.jp

