Measurements International

Metrology is Our Science, Accuracy is Our Business™

MI-Type Standard

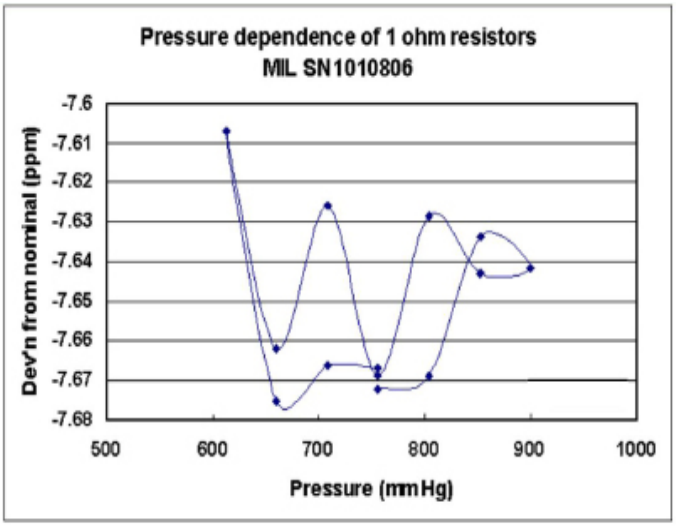
- 1 Ω Resistor with Carrying Case
- Replacement for Thomas 1 Ω
- Temperature Coefficient <0.05 x 10^{-6}/ °C
- Long Term Drift < 0.2 x 10^{-6}/Year
- No pressure coefficient
- Maximum dissipation 100 milli-watts
- Highest performance dissipation 10 milli-watts

MODEL 9210A

MODEL INFORMATION

The Model 9210A MI-Type standard has been developed through years of research by NRCC and Measurements International and is now offered as an improved resistor design to replace the L&N Thomas-Type One-Ohm Standard as well as other values. These improvements have been achieved through a new annealing process of the element and changes in the structural mounting. Historical data is now proving the Model 9210A to be the most stable oil filled resistor commercially available.

The Model 9210A features a long term drift rate less than 0.2 ppm per year and a temperature coefficient of less than 0.05 ppm/°C.



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Model 9210A MI-Type Standard

Specifications: Rev 4

Model	Nominal Value Ohms	Tolerance ±ppm	First Year Drift (ppm)	Stability 12 Month (ppm)	Max Current (A)	TC at 25°C ±1°C (ppm/°C)	Maximum Voltage
9210A/0.1	0.1	<10 PPM	1	0.2	1	0.05	0.1
9210A/1	1	<10 PPM	1	0.2	0.1	0.05	0.1

Dimensions:
90 Dia x 165 H (mm)

Weight:
2 kg

Shipping Weight:
5 kg

Main Power:
N/A

Corporate Headquarters

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