712 RTD Calibrator

Compact, lightweight, and easy to carry

FLUKE *712* RTD CALIBRATOR

OUTPUT
71.2 °C
TYPE Pt 100   385

(CE) (CSA)

712 RTD Calibrator

- Measure temperature from RTD output
- Simulate RTD output
- Rosemount pulsed RTD transmitter compatible
- Operates with seven types of RTDs
- Measure additional RTDs using Ohms measurement function
- Simulate additional RTDs using Ohms source function
- °F or °C selectable
- Four shrouded banana jacks

General features

- Compact and lightweight
- Simple controls
- Clear, 5-digit, liquid crystal display
- Operating temperature: -10°C to 55°C
- Safety: CSA C22.2 No. 1010.1:1992
- Three-year warranty
- Included:
  - Fluke 712 RTD Calibrator
  - Protective Yellow Holster with Flex-Stand ™
  - Test leads and alligator clips
  - Single 9V alkaline battery
  - Instructions (14 languages)

General specifications

Maximum voltage: 30 volts
Non-operating temperature: -40°C to 60°C
Operating temperature: -10°C to 55°C
Relative humidity: 95% (10°C to 30°C); 75% (30°C to 40°C); 45% (40°C to 50°C); 35% (50°C to 55°C)
Operating altitude: 3,000m max
Shock: 1m drop test
Vibration: random, 2g, 5-500 Hz
Safety: CSA C22.2 No. 1010.1:1992
EMC: EN50082-1:1992 and EN55022:1994 Class B
Size/weight: 187 mm L x 87 mm W x 32 mm D (7.35 in L x 3.41 in W x 1.25 in D) 330g (12 oz)
Size/weight, (with holster and FlexStand™): 201mm L x 98 mm W x 52 mm D (7.93 in L x 3.86 in W x 2.06 in D) 600g (21 oz)
Power: 9V battery ANSI/NEDA 1604A or IEC 6LR619V alkaline
Battery Life: 4 to 20 hours, typical, depending on functions used
Warranty: Three years

Specifications (18° to 28°C, one year)

Function	Range	Resolution	Accuracy	Notes
Measure/simulate RTD	-200 to 800°C (Pt 100)	0.1°C, 0.1°F	0.33°C, 0.6°F (Pt 100)	Pt; 100 200 500 1000 (385); Pt 100 (392); Pt 100 (392) JIS; Ni 120 (672)
Measure/simulate resistance	15 Ω to 3200 Ω	0.1 Ω	0.1Ω to 1 Ω	

Ordering Information

Fluke-712 RTD Calibrator

Need technical assistance? Call:
1-800-44-FLUKE
Toll-free in the U.S.
(905) 890-7600 in Canada
(425) 356-5500 other countries

For more information to be sent to you by fax, call 1-800-FLUKE-FAX in the U.S. and Canada. Or, visit our Website at http://www.fluke.com

www.valuetronics.com

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