FLUKE®

715 Volt/mA Calibrator

Compact, lightweight, and easy to carry

715 Volt/mA Calibrator

- Measure loop current (0-20 mA, 4-20 mA) signals with 0.015% accuracy and 0.001mA resolution
- Measure voltage output process signals from PLCs, transmitters
- Source or simulate 24 mA loop current
- Source voltage to 100 mV or 10V
- 24V loop supply with simultaneous current measurement

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 715 Volt/mA 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
Loop supply	24 V dc	N/A	±10%	Drive; 20 mA into 1000Ω for battery >6.8V; 700 Ω for battery 5.8 to 6.8V
Measure/simulate mA/% of span	0 to 24 mA (-25% to 125%)	0.001 mA	0.015% + 2 counts	Sink (simulate transmitter) display mA or % of span
Measure/simulate mV	0 to 100 mV	0.01 mV	0.02% + 2 counts	
Measure/simulate V	0 to 10 V	0.001 V	0.02% + 2 counts	

Ordering Information

Fluke-715 Volt/mA 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

Fluke. *Keeping your world up and running.*

C0202UEN 8/98 Rev A

www.valuetronics.com