

Fluke 771

Milliamp Process Clamp Meter

Technical Data



**Measure 4 to 20 mA
signals without
breaking the loop**

Features include:

- Measure mA signals for PLC and control system analog I/O
- Measure 4 to 20 mA output signals from transmitters without breaking the loop
- Best in class 0.2 % accuracy
- Resolution and sensitivity to 0.01 mA
- Hold function captures and displays changing measurements
- Dual backlit display with both mA measurement and percent of 4 to 20 mA span
- Measurement Spotlight illuminates hard to see wires in dark enclosures
- Detachable clamp with extension cable for measurements in tight locations
- Measure 10 to 50 mA signals in older control systems using the 99.9 mA range
- Automatic battery savings features
- Power, 15 minutes automatic power down
- Backlight, 2 minutes, automatic off
- Spotlight, 2 minutes, automatic off

Automatic battery saving features can be disabled if desired.

Specifications

Performance Specifications (1 Year)

Range/Resolution	Accuracy	Features	Note
-20.99 to +20.99 mA	0.2 % or reading + 5 counts	Zero, Hold, backlight measurement spotlight	Use for measuring and troubleshooting 4 to 20 mA signals
-21.0 to -99.9 mA +21.0 to +99.9 mA	1 % reading + 5 counts	Zero, Hold, backlight measurement spotlight	Use for measuring and troubleshooting 10 to 50 mA signals

Environmental, General Specifications

Operating Temperature	-10 °C to 55 °C
Storage Temperature	-25 °C to 70 °C
Operating Humidity	<95 % @ <30 °C, <75 % @ 30 °C to 55 °C
Operating Altitude	0 m to 2000 m
IP Rating	IP 40
Size	59 mm x 38 mm x 212 mm, (2.32 in x 1.5 in x 8.35 in)
Weight	260 g, (9.1 oz)
Vibration	Random 2 g, 5 Hz to 500 Hz
Shock	1 meter drop test (except the jaw)
EMI, RFI, EMC	Meets EN61326-1
Temperature Coefficients	0.01 % / °C
Power, battery life	(2) AA 1.5 V Alkaline, IEC LR6, 20 hours typical

Warranty

Three years for electronics, one year for clamp cable assembly

Ordering Information

Fluke-771 Milliamp Process
Meter

Included Accessories

Soft carrying case, users manual.



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