



Key Features:

- True RMS DMM measurements features reliable performance and 1000V range
- Durable, double-molded construction with IP54 rating and 3 m drop tested
- Seamless integration with METERLiNK® App

Main Applications:

- Diagnosing intermittent electrical problems
- Performing quality control inspections in electronics
- Data logging and tracking changes in electrical systems

www.flir.com/DM93-2

SPECIFICATIONS

| | |
|---|---|
| DC voltage | 1000.0 V ± 0.05% |
| AC voltage | 1000.0 V ± 0.5% |
| VFD voltage | 1000.0 V ± 0.5% |
| DC current | 10.000 A ± 0.2% |
| AC current | 10.000 A ± 1.0% |
| Resistance | 40.00 MΩ ± 0.2% |
| Continuity threshold | 30 Ω ± 0.2% |
| Frequency | 100.00 kHz ± 5 digits |
| Capacitance | 40.00 mF ± 0.9% |
| Temperature | -200°C to 1200°C (-328°F to 2192°F) ± 1.0% |
| Diode test | 2 V ± 1.5% |
| Maximum voltage applied to any terminal | 1000 V DC or 1000 V AC RMS |
| ACV bandwidth | 5 kHz |
| ACA bandwidth | 5 kHz |
| Measuring rate | 10 samples per second |
| Meter Data | |
| Bluetooth range (maximum) | 10 m (32 ft) |
| Display counts | 40,000 |
| Category rating | CAT IV-600 V, CAT III-1000 V |
| Data recording | 10,000 points |
| Warranty | https://www.flir.com/testwarranty |
| Certifications | |
| Certifications | UL, CE, FCC, UKCA |

Specifications subject to change. For the most up-to-date specifications, please visit flir.com.

| | |
|---|--|
| Safety standards | IEC 61010-1 CAT IV-600 V and CAT III-1000 V, IEC 61010-2-33 |
| Power System | |
| Power requirements | 6 × 1.5 V AAA alkaline batteries |
| Battery life | ~100 hours with alkaline batteries (backlight, worklight, and Bluetooth off) |
| Auto power off | Default: 10 minutes |
| Environmental Data | |
| Drop test | 3 m (9.8 ft) |
| IP rating | IP54 dust-protected and splash-resistant |
| Operating ambient temperatures and relative humidity (RH) | -10°C to 30°C (14°F to 86°F), <85% RH 30°C to 40°C (86°F to 104°F), <75% RH 40°C to 50°C (104°F to 122°F), <45% RH |
| Storage temperature and RH | -30°C to 60°C (-22°F to 140°F), 0 to 80% RH (batteries not fitted) |
| Temperature coefficient | 0.1 × (specified accuracy)/°C, <18°C, >28°C |
| Operating altitude | 2000 m (6550 ft) |
| Electromagnetic compatibility | EN 61326-1 |
| Shock vibration | Random vibration per MIL-PRF-28800f Class 2 (5 Hz to 55 Hz, 3 g maximum) |
| Meter Physical Data | |
| Weight | 601 g (1.33 lb) including batteries |
| Dimensions (H × W × L) | 60.7 mm × 98.1 mm × 207.1 mm (2.39 in × 3.86 in × 8.15 in) |
| In the Box | |
| Packaging contents | FLIR DM93-2 multimeter Premium test leads Type K temperature probe (204°C, 400°F) Warranty card 6 × AAA Energizer batteries Quick Start Guide |

For more information contact: Sales@TeledyneFLIR.com
or to find your local support number, visit: flir.com/contactsupport
www.teledyneflir.com

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Revised 09/13/23
DM93-2_Datasheet-LTR 23-0403-INS