

sanwa®

TOKYO JAPAN

ANALOG INSULATION TESTER

PDM5219S



APPLICATIONS AND FEATURES

This instrument is a DC insulation resistance tester to measure the insulation resistance of electric lines and electric equipment.

- Test voltage DC500V/250V/125V
- Easy viewing and readable scale graduations
- One-shot or continuous measurement push switch
- DCV measurement range(DC60V)
- Auto discharge function
- Inner battery check range

SPECIFICATIONS

| | Measuring range | Best accuracy |
|-------------------------------|---|---|
| MΩ (Insulation Resistance) | 500V/ 100MΩ 250V/ 100MΩ 125V/ 100MΩ | 1st effective measurement range : ±5% of full scale 2nd effective measurement range : ±10% of full scale |
| DCV | 60V | ±5% of full scale |
| ACV | 600V | ±5% of full scale |
| Rated measuring current | 1~1.2mA | |

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|---|--|
| Meter type | Internal magnet, Taut-band meter(48μA) |
| AC rectifier form | Half-wave rectification(Mean value indication rms value converted) |
| Accuracy assurance temperature / humidity | 23±5°C 75%RH or below No condensation |
| Operating temperature / humidity | 0°C~43°C 80%RH or below No condensation |
| Storage temperature / humidity | -10°C~50°C 70%RH or below No condensation |
| Operating environment | Altitude 2000m or less, environmental pollution degree II |
| Power consumption | Approx. 2.6W(At 1000V/2000MΩ range) |
| Battery consumption | Checked by BATTERY CHECK range |
| Safety standards | IEC61010-1 CAT.III 600V |
| IP rate | IP20 |
| Battery | 6LR61(9V) x 1 |
| Size / Mass | H144 x W99 x D43mm / 310g |
| Standard accessories included | Test lead(TL-508Sa), Carrying case(C-08S), Instruction manual |

A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

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