Please make sure to read the detailed operating instructions.

The short-form instructions are no substitute for the detailed instructions!

Safety Precautions for Using the Milliohmmeter

- Use the milliohmmeter with de-energized DUTs only.
- Never open the housing of the milliohmmeter in potentially explosive environments.
- Use the included type-tested batteries and fuses only, as described in the Characteristic Values.
- No spare batteries may be brought into the potentially explosive environment.

Short-form Operating Instructions for the Milliohmmeter

- Connecting the probes:
 - red cables into central jacks
 - black cables into lateral jacks
 - follow the connection diagram at the bottom of the page
- Pressing On key once → switch on instrument
- Pressing 0n key twice → switch on background illumination
- Before each measurement → Press Data/Clear key
- Applying probes to the DUT → measurement is started
- If measurement is valid → green LED lights up, acoustic signal sounds
- After removing the probes → valid measured value remains on display.
- Pressing the Data/Clear key → a new measuring cycle is launched by applying the probes. The new valid measured value supersedes the previous display value.
- Switching off the milliohmmeter \rightarrow press and hold the 0n/0ff key

The instrument is switched off automatically if none of the keys are activated for approximately 10 minutes.

Pressing 0n and Func keys at the same time → Continuous operation mode
 The background illumination is switched off after 2 minutes. Press the 0n key for reactivation.

Missing or faulty measuring current (invalid measurement, poor contact, display $_{n}^{(l)}$) \rightarrow red LED lights up

Valid measurement → green LEC lights up

Millohmmeter
Probe KC27

Red
Ode
ey

Millohm measurement on conductor bars, welds, coils, etc. with Kelvin probe KC27 and Kelvin clip KC4

Direct the spring-loaded test probe inward towards the DUT, if possible, as it is connected

via the red plug with U+ or U-

(Sense).

GOSSEN METRAWATT

Operating Instructions

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Protective

Cover

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