DATA SHEET

Code: UT-61A

UNIVERSAL METER **UT-61A** UNI-T

The UT-61A is a universal digital meter used to measure: voltage, current, resistance, capacitance, frequency, and checking the correctness of diodes operation. EF function - enables non-contact voltage detection eg in wires, in the range of 50V ... 400V.
The device has an automatic change of measuring ranges.

DC voltage measurement:	400 mV ± (0.8% + 3) @ 0.1 mV , 4 V ± (0.8% + 1) @ 1 mV , 40 V ± (0.8% + 1) @ 10 mV , 400 V ± (0.8% + 1) @ 100 mV , 1000 V ± (1.0% + 3) @ 1 V
AC voltage measurement:	400 mV ± (1.0% + 5) @ 100 mV , 4 V ± (1.0% + 3) @ 1 mV , 40 V ± (1.0% + 3) @ 10 mV , 400 V ± (1.0% + 3) @ 100 mV , 750 V ± (1.2% + 5) @ 1 V
DC current measurement:	400 µA ± (1.0% + 2) @ 0.1 µA , 4000 µA ± (1.0% + 2) @ 1 µA , 40 mA ± (1.2% + 3) @ 0.01 mA , 400 mA ± (1.2% + 3) @ 0.1 mA , 4 A ± (1.5% + 3) @ 0.001 A , 10 A ± (1.5% + 3) @ 0.01 A
AC current measurement:	400 µA ± (1.2% + 5) @ 0.1 µA , 4000 µA ± (1.2% + 5) @ 1 µA , 40 mA ± (1.5% + 5) @ 0.01 mA , 400 mA ± (1.5% + 5) @ 0.1 mA , 4 A ± (2.0% + 5) @ 0.001 A , 10 A ± (2.0% + 5) @ 0.01 A

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

DATA SHEET

Resistance measurement:	400 Ω ± (1.2% + 2) @ 0.1 Ω , 4 kΩ ± (1.0% + 2) @ 1 Ω , 40 kΩ ± (1.0% + 2) @ 10 Ω , 400 kΩ ± (1.0% + 2) @ 100 Ω , 4 MΩ ± (1.2% + 2) @ 1 kΩ , 40 MΩ ± (1.5% + 2) @ 10 kΩ
Capacitance measurement:	40 nF ± (3.0% + 5) @ 10 pF , 400 nF ± (3.0% + 5) @ 100 pF , 4 µF ± (3.0% + 5) @ 1 nF , 40 µF ± (3.0% + 5) @ 10 nF , 400 µF ± (4.0% + 5) @ 100 nF , 4000 µF @ 1 µF
Inductance measurement:	–
Frequency measurement:	10 Hz ... 10 MHz
Temperature measurement:	–
Automatic change of measuring ranges:	✓
hFE:	✓
Diode test:	✓
Sound signal of the continuity test:	✓
Checking TTL logic states:	–
RS-232:	–
USB:	–
Main features:	• Large, readable LCD display with backlight • EF function - enables non-contact voltage detection eg in wires, in the range of 50V ... 400V • Hold - stopping the meter reading • REL - relative measurement mode • Bargraf - analog bar - 41 segments • Aesthetic and solid construction
Power supply:	9V, type 6F22 battery - included
Weight:	0.35 kg
Dimensions:	180 x 87 x 45 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60