



Specification TEK402/TEK404 Continuity Tester



Electrical

TEK402 Mk3

Probe voltage: 9V DC approx

Test current: 5mA

Continuity range (audible): up to 10k Ω nominal

Audible output level: 85dB minimum at 30cm with leads shorted

Overvoltage protection fuse rating: 50mA, 250V, Fast Acting Ceramic Fuse,
20mm x 5mm

TEK404 Mk3

Probe voltage: 9V DC approx. (open circuit probe voltage) 4.6V DC (loaded)

Test current: <50 μ A (across short circuit)

Continuity range: 0 Ω to 2.2k Ω \pm 10%

Audible output level: 85dB minimum at 30cm with leads shorted

LED indication: bright orange LED Buzzer and LED intensity reduce with
increasing continuity resistance.

Alarm function threshold: >30V \pm 20V DC & AC rms

Environmental

Temperature & humidity (Operating): -10 to 40°C at max 70% R.H.

(Storage): -10°C to 50°C \leq 80% R.H.

Altitude: up to 2000m

Pollution degree 2

General

Power: 9V, PP3 alkaline battery (IEC 6LR61, NEDA 1604A),

Dimensions: 150(H) x 64(W) x 31(D) mm.

Weight: TEK402 Mk3 approx 264g (including leads, croc clips & battery)



Specification TEK402/TEK404 Continuity Tester

TEK404 Mk2 approx 296g (including leads, croc clips & battery)

Includes: TL49 test leads with uninsulated crocodile clips (TEK402 only), TL47 test leads with insulated crocodile clips (TEK404 only), 9V battery, instructions

Safety

TEK402 Mk3 conforms to BS EN 61010-1, max 50 V to earth (no measurement category)

TEK404 Mk3 conforms to BS EN 61010-1 CAT III 600 V
Class II, double insulation

EMC

Conforms to BS EN 61326-1

SPECIFICATION FOR TL47 & TL49 TEST LEADS

Maximum voltage: 1000V AC/DC Maximum current: 10A continuous

Connector: 4mm banana plug with fixed shroud

Environmental

Temperature (operating & storage): 0°C to 40°C

Altitude: up to 2000m

Pollution degree 2

Safety (TL47)

Conforms to BS EN 61010-031,

Probe tip caps fitted - CAT IV 600V, CAT III 1000V, 10A

Probe tip caps removed - CAT II 1000V, 10A

Crocodile clip fitted - CAT III 600V, CAT II 1000V, 10A

Class II, double insulation

Safety (TL49)

Conforms to BS EN 61010-031,

Probe tip caps fitted - CAT III 1000V, 10A

Probe tip caps removed - CAT II 1000V, 10A

Crocodile clip fitted - Max 50 V to earth (no measurement category), 10A

Class II, double insulation

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