

CONTINUITY TESTER - 'CNTST'

with AUDIO, VISUAL INDICATION



- ▶ Audio and Visual Indication
- ▶ Works on Commonly available 9 V battery
- ▶ Battery is On-Field Replaceable
- ▶ Rugged Industrial Plastic body
- ▶ Very Low Current drain when not in use
- ▶ Commonly used 12 mm banana socket for probes
- ▶ Optional Continuity Resistance adjustable
- ▶ Smart looking Multi coloured front panel

CONTINUITY TESTER - 'CNTST'

ABOUT CNTST

Continuity Tester is a device which indicates whether there is a conducting path between the two measuring points (wire, track etc.) to be tested. If there is a continuity it sounds a continuous beep and the LED also glows.

PRINCIPLE OF CNTST OPERATION

Continuity Tester works on the principle of applying the voltage thru one probe, and detecting the same thru the second probe. If there is a conduction, between the two measuring points, (Resistance less than 40Ω) the Buzzer sounds and LED glows.

The standard adjustment for detecting the continuity is set at 40. However it could also be set at a different setting as specified by the user.

It works on a 9V battery which is easily available and On-Field replaceable.

WHO CAN USE "CNTST"?

Continuity Tester can be used by any person working on the Field or Test bench, hence it relieves the expensive/complicated Multimeter from the hassle of using it as Continuity Tester. Continuity Tester can be used by any Technical/Non Technical Person for its simplicity and ruggedness.

It is ideally suited for

- Electrical Shops
- Service Technician
- Wireman/Electrician
- TV Technician
- Home Appliance Technician
- Hobbyist
- Production/Quality Check
- Tool for industries like Motor Winding/Coil Winding Electronic Industry, etc...
- It is must Instrument for all Maintenance/Electrical/Utility departments.

TECHNICAL SPECIFICATIONS

- Supply Voltage : 9 V DC (Battery - 9F22 or equivalent)
- Visual Continuity Indication : 5 mm Red LED
- Audio Continuity Indication : Buzzer
- Socket : 12 mm Banana Socket
- Probes : Test leads with banana plugs
- Current Consumption : 10mA when Probes shorted,
0.07mA when Probes open
- Test Prob Voltage : 9 V when probes open,
4.5 V when probes short @ 0.3 mA
- Enclosure : Plastic ABS with 18 gauge powder coated metal back plate
- Dimensions (in mm) : 96(H) x 96(W) x 75(D)
- Weight : 250 gms



Manufactured by :

Cogent
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Product improvement is a continuous process, Data given in this publication is, therefore, subject to revision.