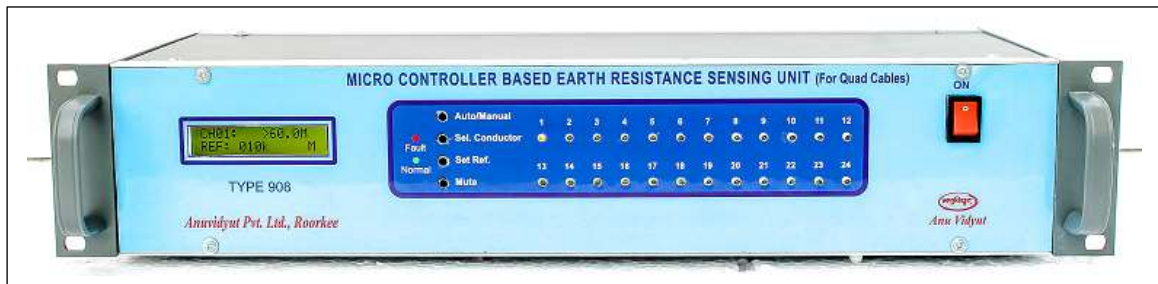


INTRODUCTION

Earth Resistance Sensing Unit **TYPE 908** is a microcontroller-based instrument which scans Leakage Resistance with respect to Earth in up to 12/24 cores of the Quad Cable used for Digital Axle Counter, Signal or Telecom purpose. This equipment scans each channel for 10 secs in Auto mode otherwise in Manual Mode it continuously monitors the selected channel. A Reference for Alarm can be set through a switch selected from 10kΩ to 60MΩ in 6 steps. Accordingly, whenever the Leakage Resistance drops below the set reference an Audio and Visual alarm is enabled. The result is visible on the digital display as the value of IR. The Alarm output maybe conveniently extended to Data logger through Potential Free Contacts. The Equipment is available in 19-inch Rack Mountable arrangement.

**SALIENT FEATURES**

- ✓ Micro Controller based design
- ✓ Preventive Maintenance equipment for Quad & Telecom cables
- ✓ No disconnection required; saves communication loss
- ✓ Continuous monitoring of connected cables; improves communication quality
- ✓ Digital display of Leakage resistance on LCD Display
- ✓ Low power consumption, power saving
- ✓ Light weight construction, user friendly
- ✓ Potential free contacts for Data Logger Connection
- ✓ Easy alarm Reference setting by push switch.
- ✓ Auto/Manual selection for monitoring of cable

TECHNICAL SPECIFICATIONS

Display	:	Alpha Numeric 16x2 LCD with backlight
No. of Conductors Monitored	:	upto 12 Nos. or 24 Nos (As per user requirement)
Leakage Measuring Range	:	10kΩ to 60MΩ
Connecting Terminal Working	:	Suitable for 2.5 Sq.mm provided on rear panel
Supply	:	230V / 110V AC, 10W.
Mode of scanning	:	Auto / Manual
Detecting Voltage	:	Less than 50V DC
Detecting Current	:	Less than 200 μA
Additional Front/Back Contact	:	Provided for all 12 Channels/24 Channels
Audio Alarm	:	Common Buzzer
Mute	:	Push Switch
Normal/Fault LED Indication	:	Green/ Red LED
Reference Setting Range/Type	:	10K, 100K, 1M, 5M, 10M, 20M Ohms – switch selected
Reference Setting Dimensions/	:	Switch Selectable
Enclosure	:	2U/63HP/200D (19" rack mountable) Sheet Metal
Weight	:	2.5 Kgs Approx.



Anuvidyut Private Limited

C-1, INDUSTRIAL ESTATE, ROORKEE- 247667 (UTTARAKHAND) INDIA

Tele: +91-1332-262545, 8126892545, 9760002545

E-mail : info@anuvidyut.com, anuvidyut@gmail.com

URL: www.anuvidyut.com, www.anuvidyut.co.in

