



The 7A501 has been approved to BS1259 (1958) and carries the Ministry of Power Certificate Number IS1428 (Class 1) and the Factory Inspectorate Certificate Number 2148 (Class 2A and 2C) which covers Methane, Ammonia and Hydrocarbons.

The testers have an analogue display and 500V DC insulation test voltage with a short circuit current of less than 2mA. On continuity the test voltage is nominally 200mV with a short circuit current of 26mA maximum. A special allen key is required to access the batteries so that they may not be changed in a hazardous area.

This tester does not comply with The ATEX94 directive.

NOTE: BS1259 is now obsolescent and has been superseded by BS5501. Under BS1259 the tester by itself was approved whereas under BS5501 approvals also consider applications of the tester.

SPECIFICATIONS

ELECTRICAL

INSULATION $M\Omega$

Range: 0 - 50M.

Test Voltage: 500V DC \pm 10% across 1M Ω

Short Circuit Current: <2mA

Accuracy: \pm 1.6mm of scale arc length

CONTINUITY Ω

Range: 0 - 50.

Test Voltage: Nominal 200mV

Short Circuit Current: <26mA

Accuracy: \pm 1.6mm of scale arc length

Battery: 6 off 1.5V AA IEC R6B

MECHANICAL

Size: 132 X 82 X 60mm

Material: ABS

Weight: 0.6kg

Movement: Nominal 1.5mA sensitivity - taut band

Scale Length: 70mm

Test Leads: 1m long with crocodile clips

ENVIRONMENTAL

Operating Temperature: 0 to 40°C

Storage Temperature: -20°C to 60°C