



## SPECIFICATIONS

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NOTE: BS1259 is now obsolescent and has been superseded by BS5501.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.

### ELECTRICAL

#### INSULATION $M\Omega$

**Range:** 0 - 50M.

**Test Voltage:** 500V DC  $\pm 10\%$  across 1M $\Omega$

**Short Circuit Current:** <2mA

**Accuracy:**  $\pm 1.6$ mm of scale arc length

#### CONTINUITY $\Omega$

**Range:** 0 - 50.

**Test Voltage:** Nominal 200mV

**Short Circuit Current:** <26mA

**Accuracy:**  $\pm 1.6$ mm 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:** 1mm long with crocodile clips

### ENVIRONMENTAL

**Operating Temperature:** 0 to 40°C

**Storage Temperature:** -20°C to 60°C