

HT5 Rel. 1.00 of 19/07/11

## Pen voltage detector with test on vapour lamps

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## 1. TECHNICAL SPECIFICATIONS

AC VOLTAGE DETECTION TEST			
Voltage range [V]	Frequency range [Hz]	Test current	
60 ÷ 250	40 ÷ 60	<200mA	

LAMP TEST		
Voltage with new battery	Field intensity (150-170kHz)	Indications
Approx 3kV / 160kHz	Approx 100μV/m	LED + acoustic signal

CONTINUITY TEST		
Measurement range	Test current	Indications
0 ÷ 5MΩ	<7µA	LED + acoustic signal

## 2. GENERAL SPECIFICATIONS

**Mechanical specifications** 

Dimensions (L x W x H): 255 x 60 x 40mm

Weight (included battery): 170g

**Power supply** 

Internal supply: 1x9V battery alkaline type IEC 6F22

Standards references

Safety: IEC/EN61010-1
Insulation: double insulation
Measurement category: CAT II 300V
Max height of use: 2000m

**Environmental conditions** 

 $\begin{array}{lll} \mbox{Reference temperature:} & 23^{\circ}\mbox{C} \pm 5^{\circ}\mbox{C} \\ \mbox{Working temperature:} & 0 \div 40^{\circ}\mbox{C} \\ \mbox{Working humidity:} & <70\%\mbox{HR} \\ \mbox{Storage temperature:} & -10 \div 50^{\circ}\mbox{C} \\ \mbox{Storage humidity:} & <70\%\mbox{HR} \\ \end{array}$ 

This product conforms to the prescriptions of the European directive on low voltage 2006/95/EEC and to EMC directive 2004/108/EEC