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“Since 1982, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

LSG-4 DMM **LINE DETECTOR DEVICE**

N° 100879

CE

VERSION 12/21

Consisting of a sound generator which modulates a high frequency signal for the line to be tested and which also has a highly sensitive inductive receiver to reliably find the cable itself if this is lies in the wall up to 15 cm. The cable run can be accurately detected in this way. The signal of the sound generator can either be fed into the line to be measured, either via RJ11-plug or via crocodile clips.

HIGHLIGHTS

Adjustable sensitivity //

Multimeter with all standard functions //

Sound signal switch-able (period/pulse) //

Continuity and voltage check for the line to be looked for //

Multimeter with measurement functions V/AC, V/DC, Ω , audio continuity checker and diode test //

CAT III 600 V //

Max and hold function //



TECHNICAL DATA

Display	LCD; 2000 counts
Measuring cable length	about 80 cm each
Measuring impedance	>7.5 M Ω (V range)
Automatic switch-off	approx. 15 minutes
Operating voltage	DMM 2 x micro batteries (AAA) Signaller 9V block battery Receiver 9V block battery
Working conditions	0 to 40°C (<75%rh)
Operating altitude	max. 2,000 m
Storage temperature	-10°C to +50°C (<80%rh)
Weight	DMM ca. 308 g
Receiver	ca. 125 g
Dimensions (LxWxH)	DMM 162 x 74 x 44 (mm)
Over-voltage category	CAT III 600 V, contamination degree 2 (only DMM via safety sockets)

Cable detector

Signal	Permanent sound approx. 800 – 860 Hz; wobble sound approx. 800 – 1050 Hz
Status indicator	max. 50 V
Continuity tester	<10 k Ω (optical)
Measuring cable length	Banana clips approx. 50 cm each, modular plug ca. 25 cm
Overload protection	<75 V/DC, <50 V/AC

V/DC

Range	Resolution	Accuracy
200 mV	0.1 mV	$\pm(0.8 \% + 4)$
2 V	0.001 V	$\pm(1.3 \% + 4)$
20 V	0.01 V	
200 V	0.1 V	
600 V	1 V	
Overload protection: 600 V; impedance >7.5 M Ω		

Alternating voltage V/AC

Range	Resolution	Accuracy
2 V	0.001 V	$\pm(1.3 \% + 6)$
20 V	0.01 V	
200 V	0.1 V	$\pm(1.8 \% + 10)$
600 V	1 V	
Frequency range 50 – 60 Hz; average value with sinus voltage; overload protection 600 V; impedance >7.5 M Ω		

Resistance Ω

Range	Resolution	Accuracy
200 Ω	0.1 Ω	$\pm(1.0 \% + 6)$
2 k Ω	0.001 k Ω	$\pm(1.5 \% + 4)$
20 k Ω	0.01 k Ω	
200 k Ω	0.1 k Ω	
2 M Ω	0.001 M Ω	$\pm(2.0 \% + 5)$
20 M Ω	0,01 M Ω	$\pm(5.0 \% + 8)$
Overload protection 600 V		

Diode test

Test voltage	Resolution	Test current
1.5 V	0.001 V	1 mA (typical)
Overload protection 600 V		

PACKAGE CONTENT

Line detector device // Receiver // Test // 2 x batteries (9 V block type) // 2 x batteries (AAA type) // Operating instructions

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