



PCE Americas Inc.
711 Commerce Way
Suite 8
Jupiter
FL-33458
USA
From outside US: +1
Tel: (561) 320-9162
Fax: (561) 320-9176
info@pce-americas.com

PCE Instruments UK Ltd.
Units 12/13
Southpoint Business Park
Ensign way
Hampshire / Southampton
United Kingdom, SO31 4RF
From outside UK: +44
Tel: (0) 2380 98703 0
Fax: (0) 2380 98703 9
info@pce-instruments.com

www.pce-instruments.com/english
www.pce-instruments.com

Technical Cable Detector PCE-CL 20

PCE-CL 20 is a cable locator used to detect live and voltage-free electrical wires. This cable detector also can be used to locate metallic and non-metallic gas or water pipes, identify short circuits, and follow lines inside walls or under flooring.

The PCE-CL 20 wire tracer consists of two individual units: a signal generator (or transmitter) and a receiver. Both units are equipped with bright LED lights for use in dark and dimly lit spaces. In addition, the receiver has a backlit LCD screen.

- Output signal: 125 kHz
- Compatible with one- or two-pole circuits
- Automatic, manual and UAC measuring modes
- Locates hidden cables, wires or pipes
- Helps identify short circuits and fuses
- Includes alligator clips, measuring tips, test leads and ground rod

Technical specification

Output	125 kHz
External Voltage Identification Area	DC 12 ... 400 V \pm 2.5%; AC 12 ... 400 V (50 ... 60 Hz) \pm 2.5%
Display	LCD
Maximum Voltage	Max. 400 V AC / DC
Overtoltage Category	CAT III 300 V
Pollution Degree	2
Power Supply	9 V battery
Power Consumption (minimum voltage)	approximately 31 mA
Power Consumption (maximum voltage)	about 115 mA
Backup	F 0.5 A 500 V, 6.3 mm x 32 mm / 0.24 x 1.25in
Operating Conditions	0 ... +40 ° C / +32 ... +72 ° F rel. Humidity <80%
Storage Conditions	-20 ... +60 ° C / +12 ... +92 ° F rel. Humidity <80%

Dimensions	190 mm x 89 mm x 42.5 mm 7.48 in x 3.50 in x 1.67 in
Weight	420 g / 0.92 lbs (including battery)

Technical specification for cable detector (receiver)

Detection Depth	depends on material and the particular application
Pole Application	about 0 ... 2 m / 0 ... 6.56 ft
Bipolar Application	about 0 ... 0.5 m / 0 ... 1.64 ft
Simple Loop	Up to 2.5 m / 8.2021 ft
Grid Voltage Detection	about 0 ... 0.4 m / 0 ... 1.31 ft
Display	LCD
Power Supply	6 x 1.5V AAA batteries
Power Consumption (minimum voltage)	about 32 mA
Power Consumption (maximum voltage)	approximately 89 mA
Environmental Conditions	0 ... +40 °C / +32 ... +72 ° F rel. Humidity <80%
Storage Conditions	-20 ... +60 °C / +12 ... +92 ° F rel. Humidity <80%
Dimensions	241.5 mm x 78 mm x 38.5 mm 9.5 in x 3.07 in x 1.51 in
Weight	350 g / 0.77 lbs (including batteries)

Delivery contents

- 1 x PCE-CL 20 cable locator (1 x transmitter and 1 x receiver)
- 2 x alligator clips
- 2 x measuring tips
- 2 x test leads
- 1 x grounding rod
- 1 x carrying strap
- 1 x carrying bag
- 1 x 9 V battery
- 6 x 1.5 V AAA batteries
- 1 x user manual