



LKZ-720

Indeks: WMGBLKZ720

Wire Tracer

Description

Locate wires and cables with the LKZ-720 Wire Tracer

The **Sonel LKZ-720 cable and wire locator** is a device consisting of the LKN-720 transmitter and the LKO-720 receiver. This instrument is dedicated to finding cables and other underground infrastructures. The LKZ-720 allows the location of both metallic objects (cables) and non-conductive objects (PVC pipes, concrete, etc.). The locator is mainly dedicated to use in the energy and installation industry, among others.



Main features

- **Detection of wires and cables (live or not).**
- **Tracing underground cables.**
- **Tracing conductive water and heating pipelines.**
- Flow and accurate locating the object.
- Phase detection mode.
- Operation in wide range of rated voltage, up to 500 V RMS.
- Five modes of wire tracer operation: voltage, current, current-voltage, power and clamp.
- Additional accessories enable precise localization - such as contact or non-contact probes and measurement clamp.

...and much more

LKO-720

- Receiver operation with max. 4 transmitters at the same time to locate interruptions or distinguish wires.
- Receiving status information from the LKN-720 transmitter.
- The function 3D - detecting the direction of current.
- A LED torch.
- Headphone socket.
- Software upgrade via USB.
- Screen backlight for work in dark.

LKN-720

- 4 codes of the transmitted signal.
- Transmission of information about the transmitter settings and battery charge level.
- Measurement of voltage at the object to 500 V RMS.
- Three levels of amplification.
- Automatic or manual selection of operation modes.
- Screen backlight for work in dark.

Application

Detection and tracing cables in ceilings, walls and floors

In response to the needs of customers, the LKO-720 has a specially designed 3D antenna that raises the precision of the wire tracing. Determine direction of wires in concrete up to 5 cm will not be a problem now.

Multi-transmitter operation

LKZ enables operation work with four transmitters at the same time. The multi-

transmitter operation of the system enables precise location of breaks in an electric system and identify individual cores in the cable or cables in a trench.

Locating power points and switches in buildings

Specially modulated and coded signal generated by the LKN-720 transmitter allows to locate and identify sockets and switches in energized and de-energized circuits.

Identification of fuses on the distribution board

Thanks to the precise sensor in LKO-720 and additional contact and non-contact probes, identify of breakers and fuses now will be easily and time-saving.

Possibility to tracing in no access conductors

LKO-720 with C-8 clamp used in the current mode or in other mode forcing current flow, allows to uniquely identify wire or cable with no physical connection to it.

Non-contact detection of live cables

LKO-720 allows to precisely detect energized wires in air and concrete without additional probes.

Additional areas of use

- detection of breaks in cables and wires
- locating short circuits between leads
- tracing shielded cables
- tracing cables in metal ducts
- tracing underground cables
- tracing conductive water and heating pipelines

Technical specification

LKN-720 | Technical specification

Parameter	Insulation type acc. to EN 61010-1
Description	double
Parameter	Measurement category acc. to EN 61010-1

Description	III 600 V
Parameter	Ingress protection rating acc. to EN 60529
Description	IP67
Parameter	Power supply
Description	4 x AA alkaline batteries or 4 x Ni-MH rechargeable batteries
Parameter	Maximum operating voltage
Description	500 V RMS
Parameter	Operating temperature
Description	-10°C...+50°C 14°F...122°F

LKO-720 | Technical specification

Parameter	Ingress protection rating acc. to EN 60529
Description	IP40
Parameter	Maximum depth of the analysed object
Description	("I" mode) 2 m 6.6 ft
Parameter	Maximum range of contactless neon probe
Description	
Parameter	in air
Description	50 cm 1.6 ft
Parameter	in concrete
Description	5 cm 0.16 ft
Parameter	Power supply
Description	9 V 6LR61 alkaline battery
Parameter	Operating temperature

Description	-10°C...+50°C 14°F...122°F
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