

德国 GMC-I 集团 库尔特线路追踪仪 KURTH KE2093



KE2093 是通用的跟踪和搜索工具，可用于带电或不带电的线路，最高至 300 V AC。

产品优势

- 跟踪墙内、天花板、地板或地下的线路
- 跟踪带电或不带电的线路，最高至 300 V AC
- 定位电缆破裂或短路故障
- 查找不宜发觉的插座和定位接线箱
- 在一捆线中查找单根线
- 跟踪管线安装和其他的导电回路
- 定位保险丝和分配电流电路
- 可在 2 米纵深处检测到导体



工作原理

发射器：接入待追踪的线路，产生 10.6 kHz 的信号，并加载到被测线路上。

接收器：输入带通滤波器 10.6 kHz

探测加载到被测线路的信号，通过声音提示(70dB)或者 LED 柱状图指示，追踪到线路三级灵敏度，通过电位器微调信号增益

使用说明

- 追踪铺设在墙里、天花板上、地板和地下的通电系统的线路

Tracing cables in walls, ceilings, floor and ground on energized systems

ON

Transmitter T10K is automatically in load mode

Receiver R10K switched to inductive mode

- Detection depth up to 200 cm
- Enables long distance tracking up to 150 cm away from the cable
- Detection accuracy max. 1 to 2 cm

Tracing cables in walls, ceilings, floor and ground on energized systems

ON / OFF

Transmitter T10K is automatically in load mode

Receiver R10K switched to inductive mode

- Detection depth up to 40 cm
- Detection accuracy max. 1 to 2 cm

- 追踪铺设在墙里、天花板上、地板和地下的不通电系统的线路

Tracing cables in walls, ceilings, floor and ground on non-energized systems

OFF

Transmitter T10K is automatically in generator mode

Receiver R10K switched to capacity mode

- Detection depth up to 30 cm
- Detection accuracy max. 1 to 2 cm

■ 定位线缆之间的短路点

locating short-circuits within cables

OFF short circuit Reciever R10K switched to inductive mode
 Transmitter T10K is automatically in generator mode

- Detection depth up to 5 cm
- Detection accuracy max. 2 to 5 cm, depending on cable depth

Attention: Load current of the Transmitter is 1 A!
Due to safety reasons, the R_e has to be smaller than 50 Ω !

■ 线缆、保险丝和接头判断

Determining individual wires, fuses and connectors with special test tip probe

Transmitter T10K is automatically in generator mode
 Reciever R10K switched to capacity mode

- Detection depth up to 30 cm
- Detection accuracy max. 1 to 2 cm

■ 使用电流钳加载电流信号

Current clamp for current signal injection

Reciever R10K switched to capacity mode
 Transmitter T10K is automatically in generator mode

- Recommended method for tracing metal pipe installations
- Detection depth up to 10 cm
- Current clamps are required for performing measurements

应用

- 追踪铺设地下的线路
- 追踪隐藏墙体的线路
- 追踪通信线路
- 开关柜内各个线路和保险丝的判断

