

Valve Box Locator M 130

Operating- Instructions




SEWERIN

For your safety

This product may only be used after the operating instructions have been read and understood and only by appropriately trained operators.

This product may only be used for its designated purpose, and only in industry and trade.

Repair work may only be carried out by appropriately trained persons.

Changes and modifications to the product may only be carried out with the consent of Hermann Sewerin GmbH. Unauthorised modifications to the product render the warranty null and void.

Only accessories from Hermann Sewerin GmbH may be used with this product.

Only spare parts approved by us may be used for repairs.

Hermann Sewerin GmbH bears no liability for damage attributable to non-compliance with these instructions. The terms of warranty and liability of the conditions of sale and delivery of Hermann Sewerin GmbH are not extended by the above.

We reserve the right to make technical modifications in the interests of further development.

Please comply with general safety rules in addition to these instructions!

Valve Box Locator M 130

Locating buried objects of metal

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Design

The Valve Box Locator M 130 is a one-piece unit comprising a control unit and a search coil which are connected by a combined handle and shaft.

Operation with batteries / accumulators

Insert four size AA batteries (MN1500 or LR6 Alkaline batteries). You may also use rechargeable NiCd batteries. Remove the cover at the end of the housing to insert the batteries. Observe the polarity (symbols "+" and "-"). Note that leak proof batteries must be used; corrosion damage caused by leaking batteries invalidates any warranty.

Operation

Switch the unit on by rotating the control knob. Set the knob from 'OFF' to 'ON' steller.

Hold the search coil well away from any metal and check the battery state. The state is indicated by the LED. If the LED glows red, or the unit whines continuously even when the coil is well away from any metal, fit new batteries (or recharge if NiCd batteries are used).

Again holding the search coil well away from any metal, adjust the control knob until the unit is on the verge of producing a low-frequency buzz or tickover sound. This is the most sensitive setting. In use it will usually be found that the knob can be turned back somewhat from this position.

When metal is detected, the sound will rise in frequency to a whine and the red LED will illuminate.

The most sensitive point of the search coil is its centre.

The Valve Box Locator M 130 has a built-in reject circuit against small pieces of metal (such as silver foil from cigarette packs, screws, etc.) so that no signal is given when the search coil is over these objects.

During operation, it is recommended to hold the search coil at 100 to 150 mm above the ground to avoid picking up larger surface clutter.

The outline of manhole covers etc. can be identified by bringing the search coil up to the side of the object from different sides. Then, note the points at which signals are given. Due to the resultant outline you can then determine whether the correct object has been found.

It is advisable to turn back the control knob (and thus to reduce sensitivity) so that the edge of the target is easier to identify.

After use

To conserve battery life, remember to switch the unit off when not in use. If the unit is not going to be used for a period of time, remove the batteries before storing it away.

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