FERROLUX FLM 700

Marker Location

Benefits:

▶ **Displays up to 8 types of marker**

▶ **"Wrong-Marker-Alert" recognizing markers of other frequencies**

▶ **Ergonomic design for easy, comfortable handling, big LC-Display**

Marker 2500

MAR 100-3D

Description

The marker locator Ferrolux FLM 700 locates passive electronic markers of all known manufacturers installed in significant places of communication and power cables as well as gas, water and sewage pipes.

The location principle is the transmission of the desired marker frequency and the reception of the signal answer of the located marker.

The Seba Marker 2500 and MAR 100-3D are buried above the cable during installation of the cable or during repair (i.e. cable socket) and can be reliably and exactly located even years later.

This method of marking is used mainly on non-metallic lines such as optical cables or PE gas or water pipes with which a trace location with inductive line location systems is not possible. But the installation of markers along normal cable routes, for instance to mark cable sockets, cable and points, branches (BK cables) or thermowells, has proven itself.

Performance Features

▶ Large, high-contrast LCD

▶ Displays up to 8 types of marker

▶ Semi-automatic amplification adjustment

▶ Improved noise suppression for fast and precise locating

▶ Locates markers up to 2.40 m depth

▶ Digital depth display

▶ Acoustic indication (frequency modulation)

▶ Numeric field strength display and bar graph

▶ Ergonomic design for easy, non-fatiguing operation

Technical Data

Frequency	Energy/EU	red/blue	134.0 kHz
	Energy	red	169.8 kHz *
	Telecom	orange	101.4 kHz
	Water	blue	145.7 kHz
	Sewage	green	121.6 kHz
	Gas	yellow	83.0 kHz
	Cable-TV	or/black	77.0 kHz **
Maximal locating depth	MAR 100-3D		1.80 m
	Seba Marker 2500		2.40 m
Battery	8 x 1.5 V Mignon LR 6		
Operating time	12 hours		
Operating temperature	-20 °C … +50 °C		
Weight	2300 g		
Dimensions	730 x 225 x 295 mm		
Loudspeakers	variable volume (low, medium, high)		
Enclosure protection	IP 54		
Interface	RS 232		

* Frequency not licensed in Europe
** restricted use in Europe

Another highlight is the „Online-Scan-Mode" which scans and detects all selected markers one after the other.

The feature „Wrong-Marker-Alert" conducts an inspection of the sought after marker during every depth measurement. „Wrong" markers are displayed and an audio warning sounds.

In addition to the 6 fixed frequencies there are two memory slots for arbitrary frequencies ranging from 50 kHz … 170 kHz for customer-specific uses.

ISO 9001:2000