

Data Sheet



Cable Sheath Fault Receiver KMF 1

The cable sheath fault receiver KMF 1 is applied according to the step voltage method. With two earth probes (dismountable for transportation) the cable route is followed. Additionally, the battery powered instrument is suitable for location of several successive sheath faults. Equipped with an adjustable carrying strap, the sturdy instrument fulfils all requirements for a rigorous application in the field.

Features:

- battery operation
- zero point compensation
- amplification selectable stepless
- battery test
- indication of direction by moving coil instrument (galvanometer)
- accurate location of cable sheath faults
- applicable in combination with cable sheath test set or surge voltage generator

Technical data

	KMF 1
Input resistance	> 30 k Ω
Max. sensitivity	1,5 mV
Noise suppression	> 20 dB at 50 Hz
Max. compensation	\pm 125 mV
Max. input voltage	50 V
Operating temperature	- 20 at + 50 °C
Power supply	Battery 9 V (IEC 6 LR 61)
Max. current consumption	6 mA
Dimensions (W x H x D)	approx. 210 x 120 x 90 mm
Weight	approx. 0,6 kg

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Delivery includes:

- Cable sheath fault receiver KMF 1 without accessories
- Carrying strap, adjustable in length
- Test probe red SO 1
- Test probe blue SO 1
- Laboratory cable 2 m long; red
- Laboratory cable 2 m long; blue
- Auxiliary line 25 m long; on hand reel
- Battery alkaline-manganese; 9 V; IEC 6 LR 61
- Operating manual

Options:

- Canvas bag for test probe SO 1

