



ELECTRICAL POWER EQUIPMENT FACTORY

AKTYWIZACJA - Cooperative

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CHM ULTRASONIC HEIGHT METER

The CHM ultrasonic height meter is designed to measurement power network conductor's hanging in three-conductors configuration of the CHM300 type or six-conductors configuration of the CHM600 type. It works on principle of measurement the deceleration time between the moments of wave dispatching and reflection from a measured object. Maximum conductors hanging height is 23 m (for E model). To compensate environment temperature influence on propagation speed of waves, the instrument has been equipped with temperature sensor. It enables to automatically compensate temperature influence.

The ultrasonic meter is equipped with a cover made of leather which protects it against mechanical damages.

Main parameters:

| Type | 300 | 300E | 600 | 600E |
|--|--------------------------|------------|------------|------------|
| Readout | LCD | LCD | LCD | LCD |
| Measuring range (min conductors' diameter 25 mm) | 3 m - 15 m | 3 m - 23 m | 3 m - 15 m | 3 m - 23 m |
| Measuring range (min conductors' diameter 12 mm) | 3 m - 15 m | 3 m - 15 m | 3 m - 15 m | 3 m - 15 m |
| Measuring range (min conductors' diameter 5,5 mm) | 3 m - 12 m | - | 3 m - 12 m | - |
| Measuring range (min conductors' diameter 2,5 mm) | 3 m - 10 m | - | 3 m - 10 m | - |
| Measuring accuracy | 0,5% | | | |
| Resolution (range < 10 m) | 5 mm | | | |
| Resolution (range < 10 m) | 10 mm | | | |
| Minimum distance between conductors | 150 mm | | | |
| Work temperature | -10 °C to +40 °C | | | |
| Work time of batteries (Long Life) | 50 000 measurements | | | |
| Measuring units | meters or inches or feet | | | |
| Automatic switch off | after 3 minutes | | | |
| Dimensions (height x width x depth) | 205 mm x 100 mm x 70 mm | | | |
| Mass | 0,5 kg | | | |

Warranty: 12 months since the date of sale.

The CHM ultrasonic height meters are denoted by CE mark

Distribution and service: Wytwórnia Sprzętu Elektroenergetycznego **AKTYWIZACJA** Sp. Pracy.

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