

## Cable Clamping Device C04A (p/n 902655)



With the combination of clamping device type C04A and a milli or micro-ohm meter, the ohmic resistances of cable samples and materials such as cords and strips can be measured. Fields of application include production monitoring, quality assurance and general test measurements.

Clamp C04A consists of a robust, wrap-resistant, light metal rail with one movable and one rig clamping device. It allows measurement of samples 50mm to 1000mm long. The clamping device is designed to accommodate cable cross-sections of 0,1mm<sup>2</sup> to 1256mm<sup>2</sup>. For larger cross sections, the distances between the current feed and the potential tap must be increased in order to ensure a uniform current distribution.

Adaption to the diameter of the test unit is carried out through a coarse adjustment of the clamping jaws. The quick-action clamping device allows the test unit to be clamped rapidly and securely in one single movement.

### Technical data

- Adjustable clamp support: measurement length of up to 1000mm
- Test unit cross-sections: ranging from 0,1mm<sup>2</sup> to 1256mm<sup>2</sup>
- Wire diameter range: 1mm – 40mm
- Current connections: designed for 100A
- Potential tap: routed to 4mm standard device terminals via material with low thermoelectric power
- Distance between V and A connectors: 38mm, non-adjustable
- Material: floor board/aluminum alloy, chuck/alloy steel, ruler/synthetic glass, rail/stainless steel
- Dimensions: 1140 x 100 x 130mm
- Weight: approx. 5kg