



Serie "Classic"

The instruments serve to measure direct or alternating current or voltage.

Technical data

Movement: Is made with moving-iron arrangement and taut-band bearing. The material of the torsional wire is a special alloy of high strength ensuring that no permanent deformation occurs, even if the pointer is kept deflected for a long time. The wires are protected by dampers so that shocks, which are unavoidable during transportation, cannot do any damage.

Scale: The graduations are practically linear from 20 per cent of the measuring range upwards.

Scale length: 120 mm.

Class of accuracy: according to IEC-51 (see table).

Position of application: horizontal.

Safety: IEC 1010/ EN 61010-1 class 2, degree of pollution 2., CAT III.

Weight: approx. 1.6 kg.



TYPE	Cat. No 1963-02-...	Class. of acc.	Switchable current ranges AC/DC	Switchable voltage ranges AC/DC	Frequency range	Remark
HLA	001	0.5	60-120-300-600 mA		40 ... 60 ... 400 Hz	consumption: max. 0.2 VA
	002		0.6-1.2-3-6 A		40 ... 60 ... 400 Hz	consumption: max. 0.6 VA
	006	1	60-120-300-600 mA- -1.2-3-6 A		40 ... 60 ... 400 Hz	consumption: max. 1 VA
	007		3-7.5-15-30 A		40 ... 60 ... 400 Hz	consumption: max. 1 VA
	015		0,2-1-5-15-30 A		40 ... 60 ... 100 Hz	consumption: max. 1 VA
HLV	003	0.5		3-6-12-30 V	40 ... 60 ... 400 Hz	consumption: 0.2-0.1-0.1-0.1 A
	004			60-120-300-600 V	40 ... 60 ... 400 Hz	consumption: 10-5-5-5 mA
	009	1		7.5-15-30-75-150-300-600 V	40 ... 60 Hz	consumption: 33-16-16-5-5-5- 5 mA
	010			5-10-20-50-100-200-500 V	40 ... 60 Hz	consumption: 33-16-16-5-5-5- 5 mA

Customers requirement:

- Portable moving-iron voltmeter.
- Range: 60-120-300-600 V AC/DC.

Ordering data:

- Portable moving-iron voltmeter.
- Type: **HLV**
- Cat. No. **1963-02-004**

Scale: M=1:1

