

## Linear potentiometer for length measurement for test benches TVO-S and TVS

### Features

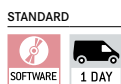
- This linear displacement sensor, with its lengthways coupling without rods, is specially constructed for accurate recording of distances
- By means of its compact design it is also suitable for high processing speeds
- 1 Can be used in all electrical SAUTER force testing systems with stepper motor, e.g. SAUTER TVO-S, THM-S, TVS, to determine distances e.g. within the scope of tensile or pressure testing
- Long service life: on average up to  $100 \times 10^6$  cycles
- High data collection speed
- High-resolution linear position sensor with 65,000 points over the whole measuring range
- Data transfer box with 16-bit AD converter for high resolution and speed
- 2 You will need the SAUTER AFH LD software to read and evaluate data. This allows clear force-displacement analyses
- Scope of supply: Linear potentiometer, Data transfer box, mains adapter, USB cable

### Technical data

- Measuring precision:  $\pm 0,5 \%$  of [Max]
- Reproducibility  $< 0,03 \text{ mm}$
- Overall dimensions WxDxH 449x68x38 mm
- Cable length USB approx. 1,5 m
- Cable length mains adapter approx. 1,2 m
- Net weight approx. 0,7 kg

### Accessories

- Mounting the length measuring device LD onto a SAUTER test stand at the factory, SAUTER LD-A06, € 290,-
- 2 Force-displacement data transfer software with graphical representation of the measuring process, only in combination with SAUTER LD, SAUTER AFH LD, € 250,-



Model	Measuring range [Max] mm	Readout [d] mm	Direction of measurement	Price excl. of VAT ex works €
SAUTER LD	Length suitable for the travel of the selected test stand	0,01	vertical/horizontal	630,-