



Data sheet

1D- Length measuring device

Robust design for heavy workpieces and harsh environments



Features:

- Safe and fast measurement with simple operation in harsh production environments
- Fast exchange of the change measuring jaws for changing requirements
- Very robust basic construction - allows a long service life with good operating characteristics
- Magnetic incremental measuring system - works insensitive to dust, dirt, moisture and oil
- Sheet metal cladding - protect guide, digital display and measuring system
- Installation by means of bolting and adjustment on the floor (requires stable floor)

Technical data:

Effective measuring length:	4000 mm (other on request)
Measuring accuracy:	$\pm (0,05 \text{ mm} + 0,02 \text{ mm} \times L)$, L=measuring length in m
Workpiece support:	Steel, bright and flat, approx. 250 mm wide (standard) optional: sliding workpiece supports with guide rail
Dimensions/Weight:	approx. 4500 x 1400 x 600mm / approx. 900 kg
Power supply:	100-230VAC; 50/60Hz; 35VA
Measuring tools:	Measuring jaws 33-013-01x for changing system (not included in the scope of delivery)
Standard accessories/ Scope of supply:	Measuring device cpl. as shown; with lateral stop bar over the entire length and stop-changing system, but without measuring jaws
Optional accessories:	<ul style="list-style-type: none"> • Changeable measuring jaws 33-013-01x, various versions (required for measurement) • Workpiece supports with guide rail • RS 232 C interface • Data transmission software HP-KeySim for inserting the measured values into software under Windows®. • Colours as desired • other measuring length/ accuracy on request