

Mitutoyo**Linear scale, effective measuring length L₀: 500mm**

Order data

Order number	499241 500
GTIN	4550501371513
Item class	44D

Description

Version:

- **With absolute measuring system.**
- **After switching on, the current position is displayed; thus it is not necessary to move to reference points.**
- **Straightforward assembly and installation.**
- **Resistant to water, oil, and dust due to electromagnetic induction.**

Function:

IP67: Protected against intermittent immersion in water and protected against penetration by dust (dust-tight), also completely protected against touching.

Application:

For exact measurement and positioning of axial adjustments e.g. on milling machines, lathes, positioning tables or measurement tools. Also suitable for converting machine tools to digital display.

Note:

Applicable only in conjunction with display unit No. 499356.

Technical description

Power supply	Mains-powered
Cable length	3.5 m
maximum micrometer head distance L ₁	540 mm
effective measuring length L ₀	500 mm

IP Index of Protection	IP 67
Width	22 mm
Measuring accuracy (20°)	5 µm
Overall length L ₃	698 mm
Hole centre distance L ₂	678 mm
Measured value saving	Once-off setting of the zero position
Measurement technology	digital
Type of product	Linear scale

Accessories

Digital display Number of displayed axes 2	499356 2
Digital display Number of displayed axes 3	499356 3