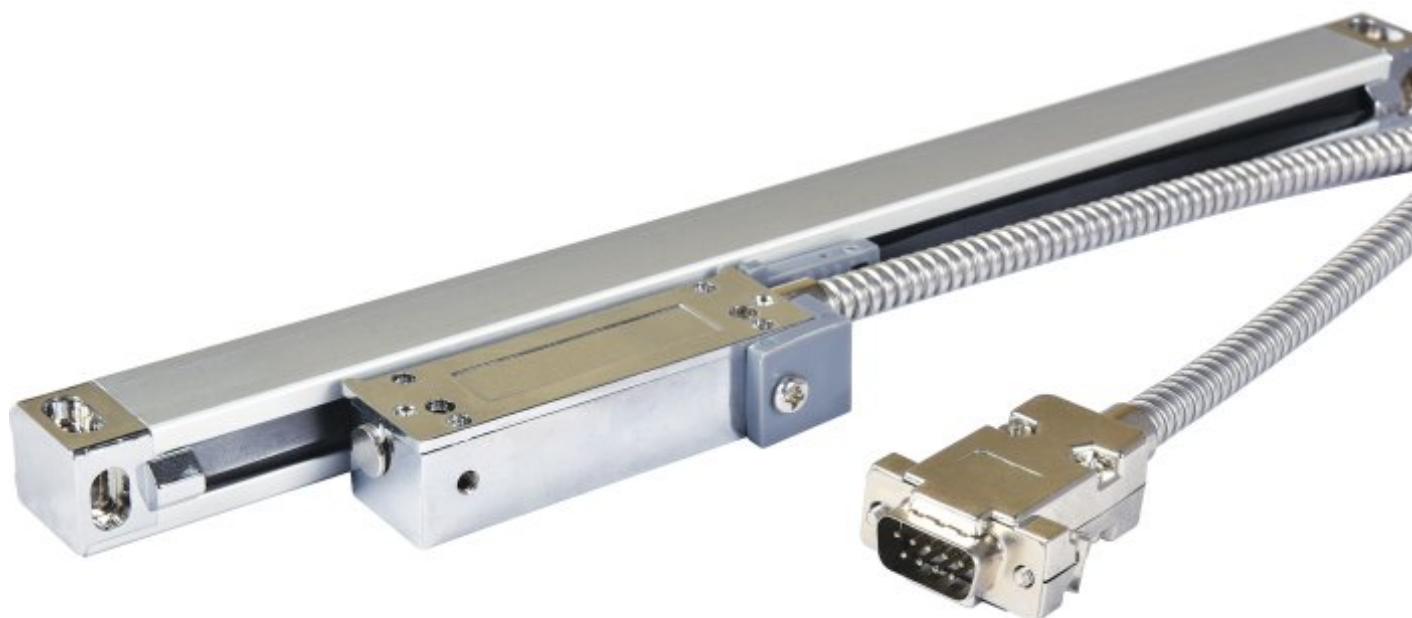


**MEASUMAX MX-500-270/5U**

**270mm Digital Readout Scale**

**MX-500 Compact Scale**



## MEASUMAX 270mm Digital Readout Scale MX-500-270/5U



Scale Covers



Mounting Bracket

### Description

The Measumax MX-500 compact series linear scales have a 5µm resolution and a response speed of 60m/min delivering 100% accuracy. The compact 18 x 20mm (W x H) section size makes them ideal for limited space installations.

### Features

- NSK Japanese, five bearing 45° sliding structure for a smooth and accurate movement along the length of the scale
- Glass scale with 5µm resolution
- Scale body made from extruded Aluminium with wiper seals providing IP54 protection
- Compact 18 x 20mm (W x H) section, ideal choice for applications with limited space.
- 3m connection cable with 9 pin D-Sub connector

### Includes

- 270mm Linear scale
- Scale cover
- 1 x Y-Axis 'E2' Bracket Slotted and Tapped (35x70x10mm)
- Screws and washers

### Specifications

|                                 |                        |
|---------------------------------|------------------------|
| <b>ORDER CODE</b>               | Q8513                  |
| <b>MODEL</b>                    | MX-500                 |
| <b>Type</b>                     | Compact Linear Scale   |
| <b>Travel - Maximum (mm)</b>    | 270                    |
| <b>Overall Length (L) (mm)</b>  | 382                    |
| <b>Scale Resolution (µm)</b>    | 5µm (0.005mm)          |
| <b>Grating Pitch</b>            | 20µm (0.02mm)          |
| <b>Accuracy (µm)</b>            | ±0.005mm [?] ±0.01mm/M |
| <b>Output Signal</b>            | 5V TTL                 |
| <b>Connector</b>                | 9 pin D-Sub            |
| <b>Cable Length (Metre)</b>     | 3m metal conduit       |
| <b>Working Temperature (°C)</b> | -10°C—60°C             |
| <b>Sealing Protection Class</b> | Class: IP54            |
| <b>Maximum Speed (M/min)</b>    | 60M/Min                |

## MEASUMAX 270mm Digital Readout Scale MX-500-270/5U

|                                  |            |
|----------------------------------|------------|
| Reference Point                  | Every 50mm |
| Width x Height (W x H) (mm)      | ~          |
| Backing Support Plate (Yes / No) | Yes        |