

**MEASUMAX MX-300-470/5U**

**470mm Digital Readout Scale**

**MX-300 Standard Scale**



## MEASUMAX 470mm Digital Readout Scale MX-300-470/5U



Scale Covers



Mounting Bracket

### Description

The Measumax MX-300 & MX-600 series linear scales are available in measuring lengths from 370 to 3000mm. With a 5µm resolution and a response speed of 60m/min these scales deliver 100% accuracy.

### Features

- NSK Japanese, five bearing 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
- MX-300 series 15 x 34.5mm (W x H) section
- 3m connection cable with 9 pin D-Sub connector

### Includes

- 470mm Linear scale
- Scale cover
- 1 x Angle 'B2' Bracket Slotted and Tapped (40x50x8mm x 80mm wide)
- 1 x Flat 'D2' Bracket Slotted and Tapped (70x80x10mm)
- Screws and washers

### Specifications

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>ORDER CODE</b>               | Q8527                           |
| <b>MODEL</b>                    | MX-300                          |
| <b>Type</b>                     | Linear Scale                    |
| <b>Travel - Maximum (mm)</b>    | 470                             |
| <b>Overall Length (L) (mm)</b>  | 576                             |
| <b>Scale Resolution (µm)</b>    | 5µm (0.005mm)                   |
| <b>Grating Pitch</b>            | 20µm (0.02mm)                   |
| <b>Accuracy (µm)</b>            | ±0.005mm <sup>①</sup> ±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                         |
| <b>Reference Point</b>          | Every 50mm                      |

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|   |     |
|---|-----|
| <b>Width x Height (W x H) (mm)</b>      | ~   |
| <b>Backing Support Plate (Yes / No)</b> | Yes |