

**MEASUMAX MX-300-420/5U**

**420mm Digital Readout Scale**

**MX-300 Standard Scale**



## MEASUMAX 420mm Digital Readout Scale MX-300-420/5U



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

- 420mm 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>	Q8526
<b>MODEL</b>	MX-300
<b>Type</b>	Linear Scale
<b>Travel - Maximum (mm)</b>	420
<b>Overall Length (L) (mm)</b>	526
<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

**MEASUMAX 420mm Digital Readout Scale MX-300-420/5U**

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