

## Product Brochure For Q8527

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

MX-300 Standard Scale  
5µm Resolution

**Ex GST**  
**\$172.00**

**Inc GST**  
**\$197.80**



|                                   |                    |
|-----------------------------------|--------------------|
| ORDER CODE:                       | Q8527              |
| MODEL:                            | MX-300             |
| Type:                             | Linear Scale       |
| Travel - Maximum (mm):            | 470                |
| Overall Length (L) (mm):          | 576                |
| Scale Resolution (µm):            | 5µm (0.005mm)      |
| Grating Pitch:                    | 20µm (0.02mm)      |
| Accuracy (µm):                    | ±0.005mm?±0.01mm/M |
| Output Signal:                    | 5V TTL             |
| Connector:                        | 9 pin D-Sub        |
| Cable Length (Metre):             | 3m metal conduit   |
| Working Temperature (°C):         | -10?—60?           |
| Sealing Protection Class:         | Class: IP54        |
| Maximum Speed (M/min):            | 60M/Min            |
| Reference Point:                  | Every 50mm         |
| Width x Height (W x H) (mm):      | ~                  |
| Backing Support Plate (Yes / No): | Yes                |



## 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

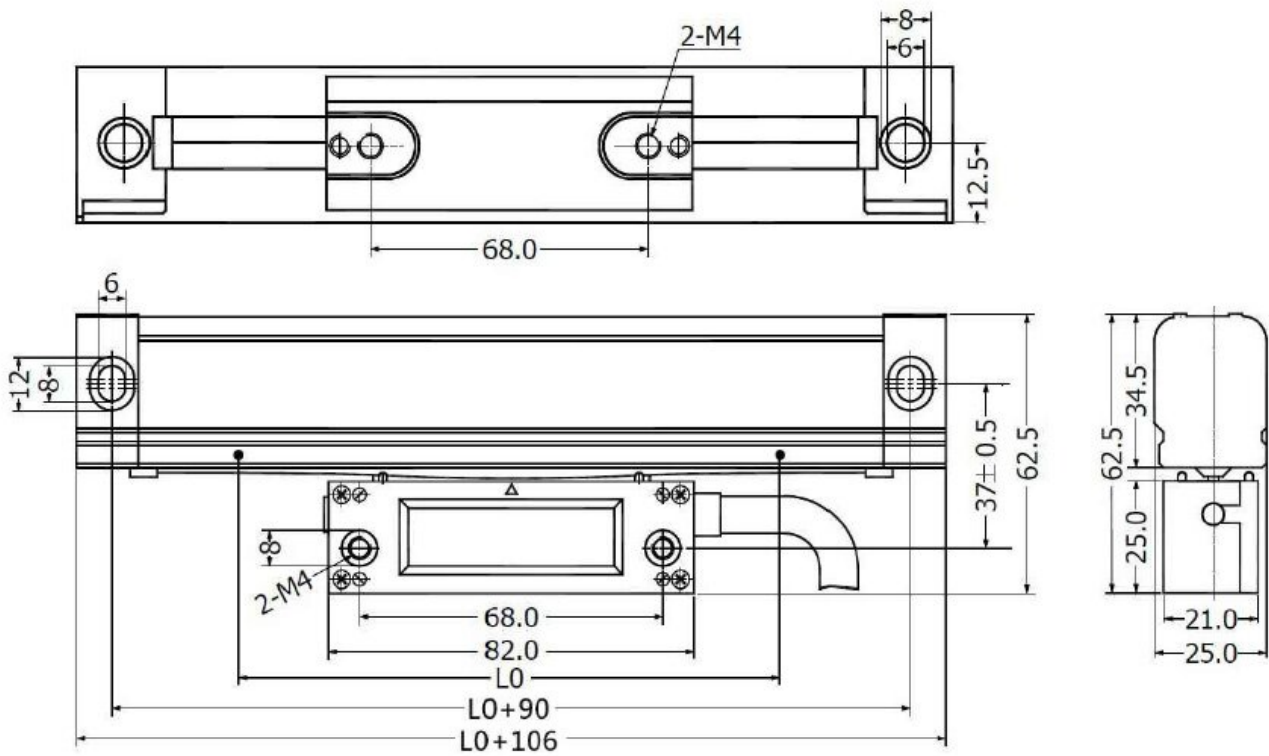
- NSK Japanese, five bearing sliding structure for a smooth and accurate movement along the length of the scale
- Glass scale with 5µm resolution
- Scale body made from extruded Aluminium with wiper seals providing IP54 protection
- MX-300 series 15 x 34.5mm (W x H) section
- 3m connection cable with 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

Product Brochure For Q8527

## MeasumaX MX MX-300 Series - LINEAR SCALES



L0 = Effective measuring length of scale

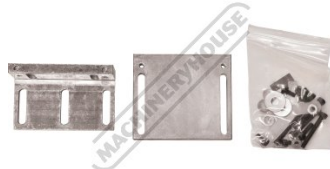
Product Brochure For Q8527

---

**Specific Features**



Scale Covers



Mounting Bracket

**Recommended Accessories**

Q8500  
3-Axis Digital Readout

D709  
Easson Scales - Extension  
Cable

D710  
Easson Scales - Extension  
Cable

