

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

ORDER CODE	Q8526
MODEL	MX-300
Type	Linear Scale
Travel - Maximum (mm)	420
Overall Length (L) (mm)	526
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°C—60°C
Sealing Protection Class	Class: IP54
Maximum Speed (M/min)	60M/Min
Reference Point	Every 50mm

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

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