Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For D723

350mm Easson Digital Readout Scale

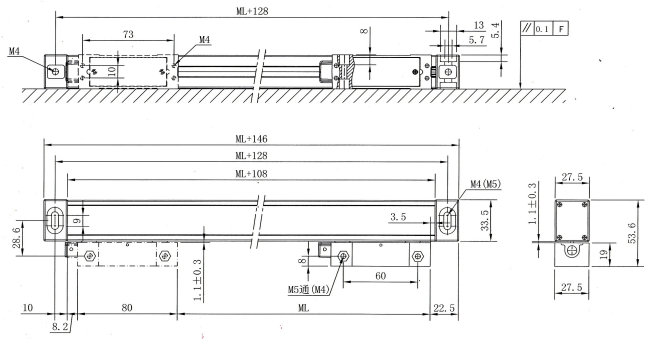
VS10 Standard Scale

5µm Resolution

Ex GST	Inc GST
$244.00	$280.60

ORDER CODE:	D723
MODEL:	~
Type:	VS10 Standard Scale
Travel - Maximum (mm):	350
Overall Length (L) (mm):	496
Scale Resolution (µm):	5
Grating Pitch:	~
Accuracy (µm):	±3 - ±5
Output Signal:	~
Connector:	~
Cable Length (Metre):	3
Working Temperature (°C):	~
Sealing Protection Class:	~
Maximum Speed (M/min):	~
Reference Point:	~
Width x Height (W x H) (mm):	27.5 x 33.5
Backing Support Plate (Yes / No):	Yes





Description

Easson VS series Glass Grating Linear Transducer: EASSON - Always committed to Quality, Technology & Innovation

Features

- DOUBLE SEAL DESIGNED SCALES:
- The plastic seals of the transducer use an innovative material to offer superior oil resistance, high elastic recovery properties and durability, carefully designed lip geometry offer low slide resistance.

- 100% LASER CALIBRATION:
- All glass grating transducers are individually inspected and calibrated by our in-house laser calibrator to ensure accuracy complies 100% with the specifications.

- ADVANCED OPTICAL MEASURING SYSTEM:
- The slide carrier of the VS series scales, use a five bearing design for optical grating linear transducer which has been proven as the most reliable system design in today's market.
- The glass grating slide-ways are lapped, and JIS standard P5 grade bearings are used to achieve smooth and accurate movement and long working life.

- D.I.Y. INSTALLATION:
- An easy-to-follow D.I.Y. Installation Manual is supplied with each system, complete with illustrations and mounting brackets.

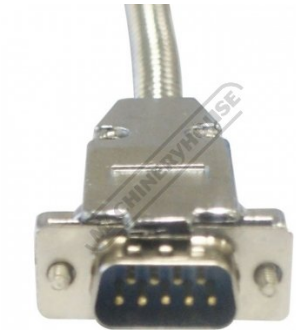
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MODEL	VS 10	VS 20	GS 30
Measuring Standard	Glass scale - Grating period: 20µm (0.020mm)		
Optical Detecting System	Transmissive Infrared System: Wavelength - 880nm		
Slide Carrier System	Vertical five bearing supporting system	45° five bearing supporting system	Vertical five bearing supporting system
Resolution	5µm	5µm	5µm
Measurement Travel (100-1200mm)	Every 50mm per length specification	-	Every 50mm per length specification
Measurement Travel (1300-3000mm)	-	Every 100mm per length specification	-
Accuracy (100-450mm) Accuracy (500-800mm) Accuracy (1050-1200mm) Accuracy (1300-3000mm)	±6µm ±10µm ±15µm -	- - - ±25µm	±6µm - - -
Repeatability	2µm (0.002mm)		
Hystersis	3µm (0.003mm)		
Protection	DIN40050 IP53		
Power Supply	DC 5V ±5%		
Output Signals	TTL		

Specific Features



DSub9 Male Plug



Dsub9 Wiring Diagram



DIY Installation

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Recommended Accessories

D709
Easson Scales - Extension Cable



D710
Easson Scales - Extension Cable



D772
Digital Readout Scale Mounting Bracket Kit



D711
Adaptor Cable



D712
Adaptor Cable

