

Product Brochure For D741

# 1700mm Easson Digital Readout Scale

VS20 Standard Scale  
 5µm Resolution

**Ex GST**  
**\$590.00**

**Inc GST**  
**\$649.00**



ORDER CODE:	D741
MODEL:	~
Type:	VS20 Standard Scale
Travel - Maximum (mm):	1700
Overall Length (L) (mm):	1846
Scale Resolution (µm):	5
Grating Pitch:	~
Accuracy (µm):	±10
Output Signal:	~
Connector:	~
Cable Length (Metre):	7
Working Temperature (°C):	~
Sealing Protection Class:	~
Maximum Speed (M/min):	~
Reference Point:	~
Width x Height (W x H) (mm):	27.5 x 40.1
Backing Support Plate (Yes / No):	No

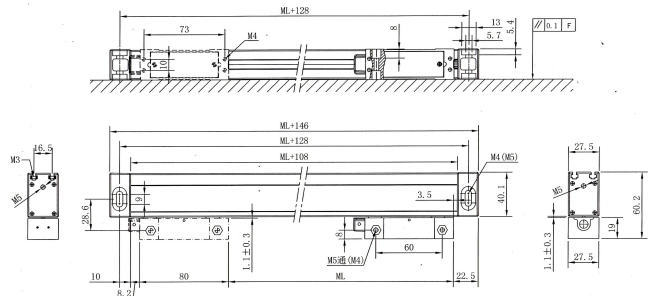


## Description

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.



MODEL		VS 10	
Measuring Standard	Glass scale - Grating		
Optical Detecting System	Transmissive Infrared		
Slide Carrier System	Vertical five bearing supporting system	45° support	
Resolution	5µm		
Measurement Travel (100-1200mm)	Every 50mm per length specification		
Measurement Travel (1300-3000mm)	-		Every length
Accuracy (100-450mm)	±3 - ±5µm		
Accuracy (500-1000mm)	±10µm		
Accuracy (1050-1250mm)	±10µm		
Accuracy (1300-3000mm)	-		
Repeatability	2µm		
Hysteresis	3µm		
Protection	DIN		
Power Supply	DC		
Output Signals			

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**Specific Features**



DSUB9 Male Plug

**Dsub 9**  
9 pin male connector plug

Pin	TL	422A	Signal	Cable	Signal	Color
1	---	A	Yellow			
2	0V	0V	White	Orange		
3	---	B	Red			
4	Grnd	Grnd	Ground			
5	---	R	Black			
6	A	A	Green	Yellow		
7	5V	5V	Brown	Red		
8	B	B	Blue	Green		
9	R	R	Gray	Brown		

Dsub9 Wiring Diagram



DIY Installation



Parts



Close Up

**Recommended Accessories**

**D709**  
Easson Scales - Extension Cable

**D710**  
Easson Scales - Extension Cable

**D772**  
Digital Readout Scale Mounting Bracket Kit

**D711**  
Adaptor Cable



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D712  
Adaptor Cable

