

## D722 - 300mm Easson Digital Readout Scale

VS10 Standard Scale  
 5µm Resolution

**Ex GST**  
**\$200.00**

**Inc GST**  
**\$220.00**



ORDER CODE:	D722
Type:	VS10 Standard Scale
Travel - Maximum (mm):	300
Overall Length (L) (mm):	446
Scale Resolution (µm):	5
Scale Accuracy (µm):	±3 - ±5
Cable Length (Metre):	3
Backing Support Plate (Yes / No):	Yes
Width x Height (W x H) (mm):	27.5 x 33.5



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

### Specific Features



DSub9 Male Plug

**Dsub 9**  
9 pin male connector plug

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

Dsub9 Wiring Diagram



DIY Installation

### Recommended Accessories

**D7142**  
2-Axis Digital Readout Counter - 1µm or 5µm

**D7143**  
3-Axis Digital Readout Counter - 1µm or 5µm

**D709**  
Easson Scales - Extension Cable

**D710**  
Easson Scales - Extension Cable



**D770**  
Digital Readout Mounting Bracket Kit

**D772**  
Digital Readout Scale Mounting Bracket Kit

**D711**  
Adaptor Cable

**D712**  
Adaptor Cable

