

Product Brochure For D736

D736 - 1000mm Easson Digital Readout Scale

VS10 Standard Scale
 5µm Resolution

Ex GST
\$250.00

Inc GST
\$275.00



| | |
|-----------------------------------|---------------------|
| ORDER CODE: | D736 |
| Type: | VS10 Standard Scale |
| Travel - Maximum (mm): | 1000 |
| Overall Length (L) (mm): | 1146 |
| Scale Resolution (µm): | 5 |
| Scale Accuracy (µm): | ±10 |
| Cable Length (Metre): | 3 |
| Backing Support Plate (Yes / No): | No |
| 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 | |
|---|---|--------------|
| 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) Accuracy (500-1000mm) Accuracy (1050-1250mm) Accuracy (1300-3000mm) | ±3 - ±5µm ±10µm ±10µm - | |
| 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 | TTL Signal | 422A Signal | Cable Color |
|-----|------------|-------------|-------------|
| 1 | — | A | Yellow |
| 2 | 0V | 0V | White |
| 3 | — | B | Red |
| 4 | Ground | Ground | Ground |
| 5 | — | R | Black |
| 6 | A | A | Green |
| 7 | 5V | 5V | Brown |
| 8 | B | B | Blue |
| 9 | R | R | Gray |

Dsub9 Wiring Diagram



DIY Installation



Parts



Close Up

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



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D770
Digital Readout Mounting
Bracket Kit



D772
Digital Readout Scale Mounting
Bracket Kit



D711
Adaptor Cable



D712
Adaptor Cable