

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 |

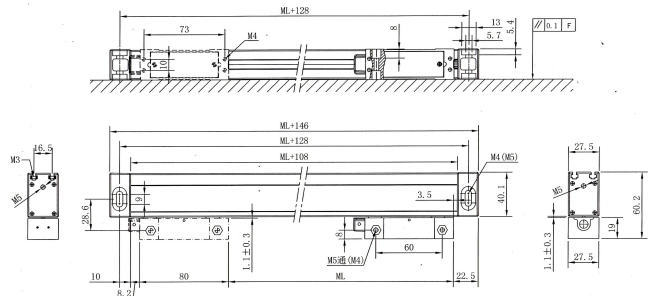


Description

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

Features

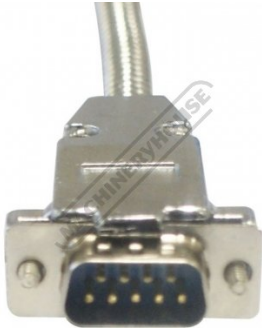
- **DOUBLE SEAL DESIGNED SCALES:**
- The plastic seals of the transducer use an innovative material to offer superior oil resistance, high elastic recovery properties and durability, carefully designed lip geometry offer low slide resistance.
- **100% LASER CALIBRATION:**
- All glass grating transducers 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 | | Yellow |
| 2 | 0V | Orange | 0V | White | | White |
| 3 | — | — | B | Red | | Red |
| 4 | Grnd | Ground | Grnd | Ground | | Ground |
| 5 | — | — | R | Black | | Black |
| 6 | A | Yellow | A | Green | | Green |
| 7 | 5V | Red | 5V | Brown | | Brown |
| 8 | B | Green | B | Blue | | Blue |
| 9 | R | Brown | R | Gray | | Gray |

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

