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

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

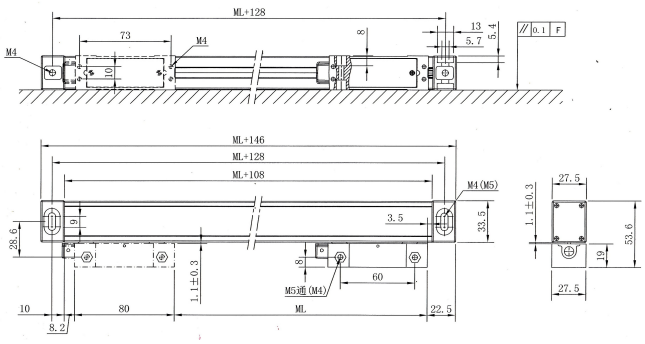
Product Brochure For D727

# 550mm Easson Digital Readout Scale

VS10 Standard Scale
5µm Resolution



| | |
|---|---|
| ORDER CODE: | D727 |
| MODEL: | ~ |
| Type: | VS10 Standard Scale |
| Travel - Maximum (mm): | 550 |
| Overall Length (L) (mm): | 696 |
| Scale Resolution (µm): | 5 |
| Grating Pitch: | ~ |
| Accuracy (µm): | ±10 |
| 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): | 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.

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Product Brochure For D727

| MODEL | VS 10 | |
|---|---|---|
| Measuring Standard | Glass scale - Gratin | |
| Optical Detecting System | Transmissive Infrared S | |
| Slide Carrier System | Vertical five bearing supporting system | 45° f suppo |
| Resolution | 5µm | |
| Measurement Travel (100-1200mm) | Every 50mm per length specification | |
| Measurement Travel (1300-3000mm) | - | Every length |
| Accuracy (100-450mm)<br>Accuracy (500-1000mm)<br>Accuracy (1050-1250mm)<br>Accuracy (1300-3000mm) | ±3 - ±5µm<br>±10µm<br>±10µm<br>- | |
| Repeatability | 2µm | |
| Hystersis | 3µm | |
| Protection | DIN4 | |
| Power Supply | DC | |
| Output Signals | | |

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# Product Brochure For D727

## Specific Features



DSub9 Male Plug




| Pin | TTL Signal | TTL Cable | 422A Signal | 422A Cable |
|---|---|---|---|---|
| 1 | — | — | $\overline{A}$ | Yellow |
| 2 | 0V | Orange | 0V | White |
| 3 | — | — | $\overline{B}$ | Red |
| 4 | Gnd | Ground | Gnd | Ground |
| 5 | — | — | $\overline{R}$ | 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



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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# Product Brochure For D727

D712
Adaptor Cable

