

Product Brochure For D722C

# 300mm Easson Digital Readout Scale

GS30 Compact Scale  
5µm Resolution

**On Sale**

|                 |                 |
|-----------------|-----------------|
| <b>Ex GST</b>   | <b>Inc GST</b>  |
| <b>\$244.00</b> | <b>\$280.60</b> |
| <b>\$194.78</b> | <b>\$224.00</b> |



|                                   |                    |
|-----------------------------------|--------------------|
| ORDER CODE:                       | D722C              |
| MODEL:                            | ~                  |
| Type:                             | GS30 Compact Scale |
| Travel - Maximum (mm):            | 300                |
| Overall Length (L) (mm):          | 444                |
| Scale Resolution (µm):            | 5                  |
| Grating Pitch:                    | ~                  |
| Accuracy (µm):                    | ±6                 |
| 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):      | 20 x 28.5          |
| Backing Support Plate (Yes / No): | Yes                |

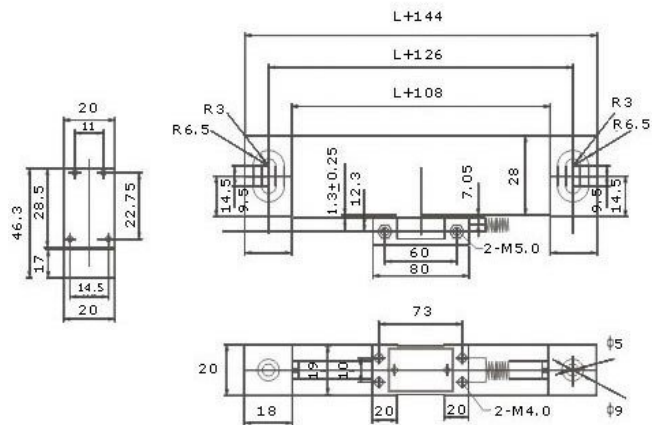


## Description

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

## Features

- **SINGLE 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 GS 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.



GS30 from 50mm to 500mm

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| 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)<br>Accuracy (500-1000mm)<br>Accuracy (1050-1250mm)<br>Accuracy (1300-3000mm) | ±3 - ±5μm<br>±10μm<br>±10μm<br>-        |              |
| Repeatability   | 2μm                                     |              |
| Hysteresis  | 3μm                                     |              |
| Protection  | DIN                                     |              |
| Power Supply  | DC                                      |              |
| Output Signals  |   |              |

## Product Brochure For D722C

### Specific Features



DSub9 Male Plug

**Dsub 9**  
9 pin male connector plug

| Pin | ITL | 422A | Signal | Cable | 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**  
An easy-to-follow DIY Installation Manual is supplied with each system, complete with illustrations and mounting brackets.

DIY Installation

### Recommended Accessories

D709

Easson Scales - Extension Cable



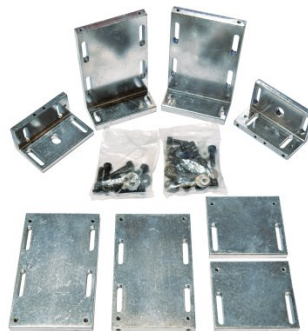
D710

Easson Scales - Extension Cable



D772

Digital Readout Scale Mounting Bracket Kit



D711

Adaptor Cable



D712

Adaptor Cable

