

Product Brochure For D720C

200mm Easson Digital Readout Scale

GS30 Compact Scale
5µm Resolution



Ex GST
\$244.00

Inc GST
\$280.60

| | |
|-----------------------------------|--------------------|
| ORDER CODE: | D720C |
| MODEL: | ~ |
| Type: | GS30 Compact Scale |
| Travel - Maximum (mm): | 200 |
| Overall Length (L) (mm): | 344 |
| 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 |

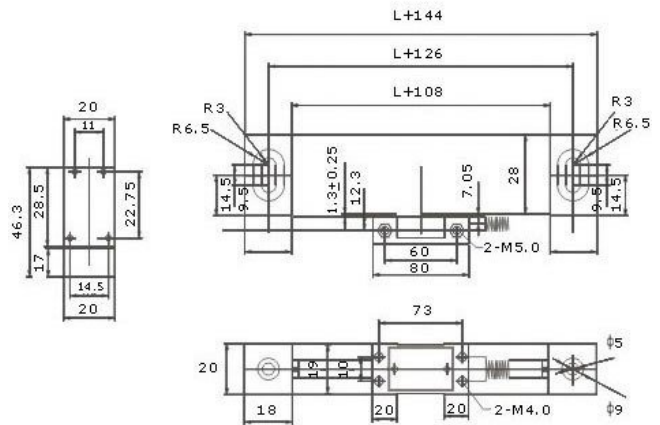


Description

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) 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 | 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

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

