

Product Brochure For D718

100mm Easson Digital Readout Scale

GS30 Compact Scale
5µm Resolution



ORDER CODE:	D718
MODEL:	~
Type:	GS30 Compact Scale
Travel - Maximum (mm):	100
Overall Length (L) (mm):	244
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

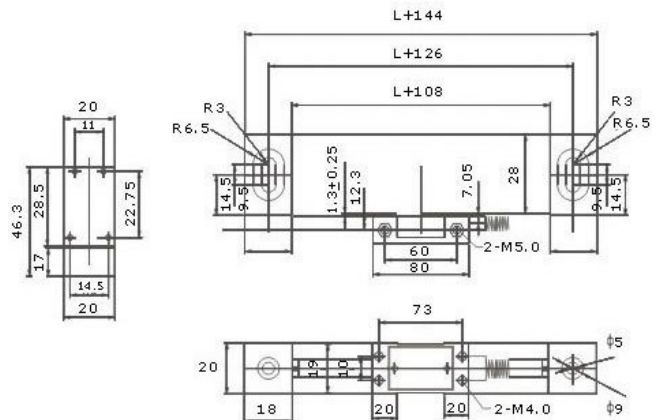


Description

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
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



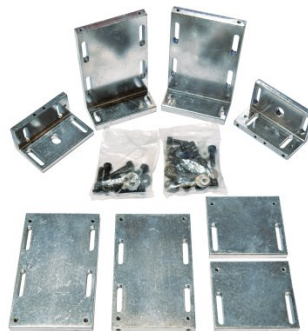
D710

Easson Scales - Extension Cable



D772

Digital Readout Scale Mounting Bracket Kit



D711

Adaptor Cable



D712

Adaptor Cable

