

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

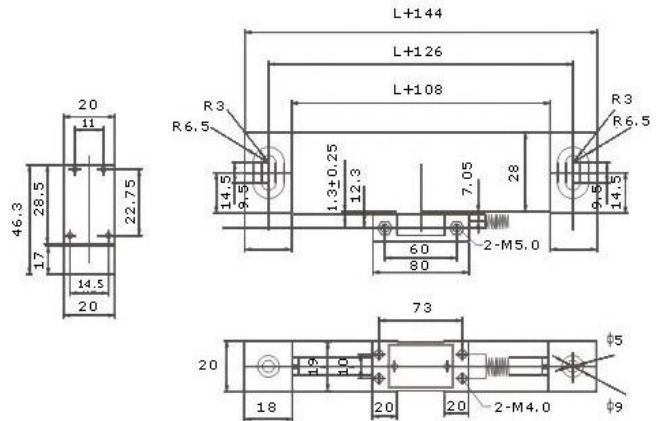


Description

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

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	TTL Signal	Cable	422A 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

