GB

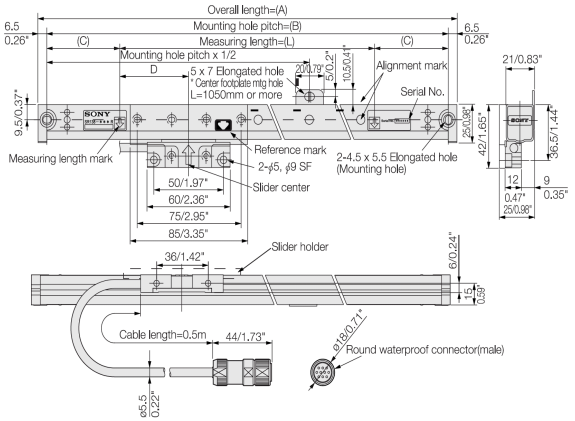
GB-ER SERIES (SR138R)

The GB-ER series combines Sony's original Magnescale technology and legendary durability with a built-in reference point.

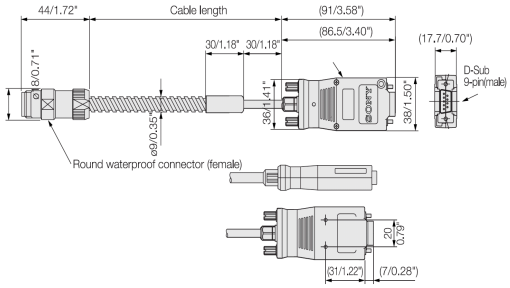
- Excellent durability against workshop conditions - resistant to oil, dirt, shock and vibration.
- Compact design for a space-saving installation.
- Accuracy: (5+5L/1000)µm
- Resolution: 0.5µm
- Simple structure should be conducive to long life.

Dimensions

SR138R (Model name of the scale itself)



CH04 (Name of accessory cable model)



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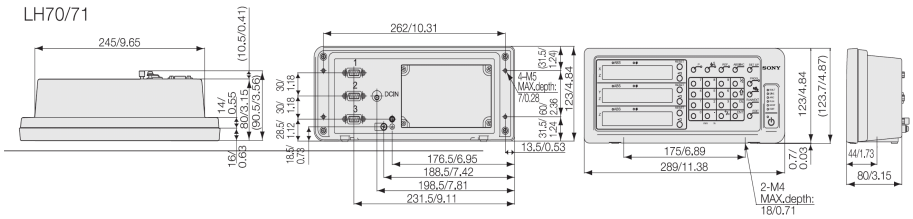

Unit : mm/inch

Specifications

Model		GB-ER
Measuring length		50/100/150/200/250/300/350/400/450/500/550/600/650/750/850/950/1050/1250/1400/1600/1850/2050/2200 mm
Scale length	Overall length	ML + 104mm (50 to 200mm) ML + 120mm (250 to 2200mm)
	Max.travel	ML + 14mm (50 to 200mm) ML + 30mm (250 to 2200mm)
	With or without Centerfootplate	Without (50 to 950mm) With (1050 to 2200mm)
Accuracy at 20℃		(5 + 5L / 1000) µm
Reference point		Standard:Center point, User-selected point (A/B quadrature)
Mounting parallelism		± 0.1mm
Expansion coefficient		(11±1) x 10^{-6}/℃
Operating temperature		0 to 40℃
Storage temperature		-20 to 50℃
Cable length		3m
Protective design grade		Scale:IP65 Interface unit:IP30
Input/Output signal	Output signal	A/B/Z quadrature
	Power supply	DC + 5V ± 5%
	Connector	D-sub 9 pin
Resolution		0.5 µm
Response speed	Scale signal	60m/min
	Reference signal	60m/min
Power consumption		Max. 200mA

* Specifications and appearance are subject to should be change with prior notice.

ML:Measuring length[mm]

Diese Daten können jederzeit ohne Vorankündigung geändert werden

WayCon Positionsmesstechnik GmbH
e-mail: info@waycon.de
internet: www.waycon.de

Head Office
Mehlbeerenstr. 4
82024 Taufkirchen
Tel. +49 (0)89 67 97 13 -0
Fax +49 (0)89 67 97 13-250

Office Köln
Auf der Pehle 1
50321 Brühl
Tel. +49 (0)2232 56 79 44
Fax +49 (0)2232 56 79 45

WayCon Positionsmesstechnik