

GB

GB-ER SERIES (SR138R)

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

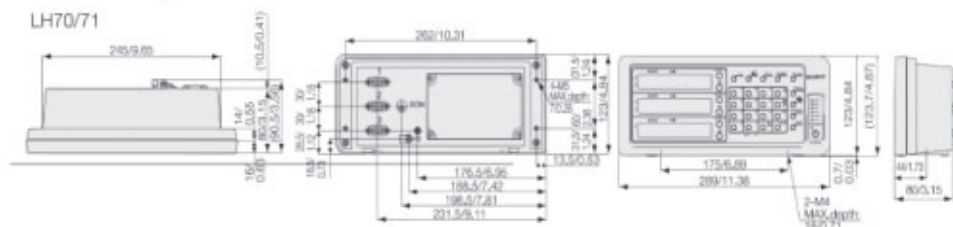
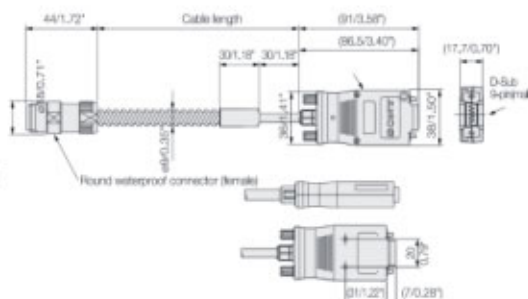
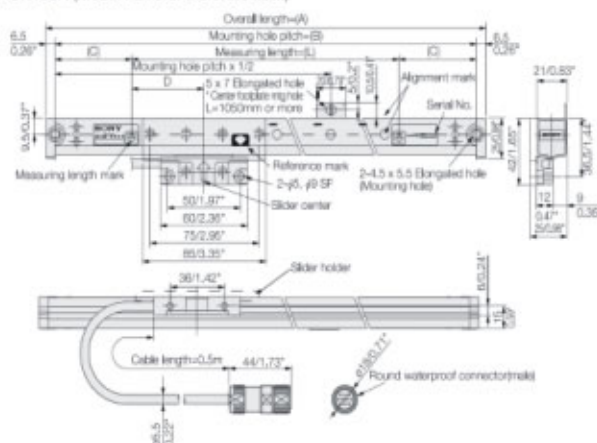
- Excellent durability against workshop conditions - resistant to oil, dirt, shock and vibration.
- Compact design for a space-saving installation.
- Accuracy: $(5+5L/1000)\mu\text{m}$
- Resolution: $0.5\mu\text{m}$
- Simple structure should be conducive to long life.



Dimensions

SR138R (Model name of the scale itself)

CH04 (Name of accessory cable model)



Unit: mm/inch

Specifications

Model		GB-ER
Measuring length		50/100/150/200/250/300/350/400/450/500/550/600/650/700/750/800/850/900/1050/1250/1400/1600/1850/2050/2200 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 Centercoplate	Without (50 to 950mm) With (1050 to 2200mm)
Accuracy at 20°C		$(5 + 5L / 1000) \mu\text{m}$
Reference point		Standard: Center point, User-selected point (A/B quadrature)
Mounting parallelism		$\pm 0.1\text{mm}$
Expansion coefficient		$(11 \pm 1) \times 10^{-6} / ^\circ\text{C}$
Operating temperature		0 to 40°C
Storage temperature		-20 to 50°C
Cable length		3m
Protective design grade		Scale IP65 Interface unit IP30
Input/Output signal	Output signal	A/B/Z quadrature
	Power supply	DC + 5V $\pm 5\%$
	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 change with prior notice.

ML: Measuring length [mm]

Diese Daten können jederzeit ohne Vorankündigung geändert werden

WayCon Positionsmesstechnik GmbH

e-mail: info@waycon.deinternet: www.waycon.de

WayCon
Positionsmesstechnik

ECOS
www.ecos.eng.br

DISTRIBUIDOR AUTORIZADO