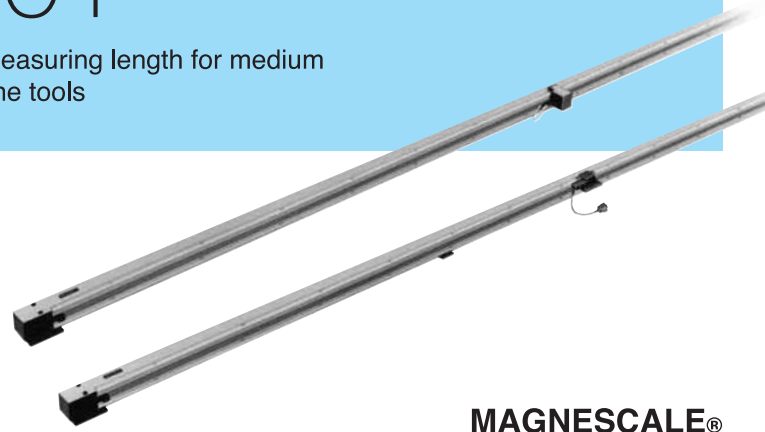


SR

SR-801

Scale with a long measuring length for medium to large size machine tools



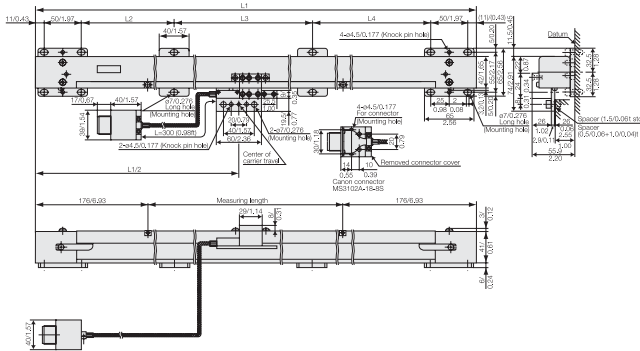
MAGNESCALE®

- Magnetic principle
- Excellent resistance to workshop conditions (IP54). Resistant to oil, dirt, vibration, and shock.
- Accuracy: $(5+5L/1000)\mu\text{m}$
- Resolution: $0.5\ \mu\text{m}$
- Measuring length up to 3000 mm / 118.1"

Scale	Head/Cable	Adapter	Counter
SR-801	CE07	SZ51-MS01 +SZ70-1	LH71/72 LY71/72

Dimensions

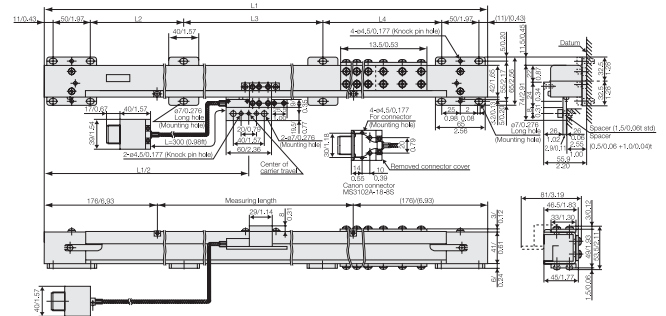
SR-801 (Measuring length 2000 mm/78.7" to 2600 mm/102.3")



Measuring length	L 1	L 2	L 3	L 4
2000	2352	565	1100	565
2100	2452	590	1150	590
2200	2552	615	1200	615
2300	2652	640	1250	640
2400	2752	665	1300	665
2500	2852	665	1000	865
2600	2952	890	1050	890

Unit : mm/inch

SR-801 (Measuring length 2700mm/106.2" to 3000mm/118.1")



Measuring length	L 1	L 2	L 3	L 4
2700	3052	1040	850	1040
2800	3152	1090	850	1090
2900	3252	1140	850	1140
3000	3352	1190	850	1190

Unit : mm/inch

Specifications

Model	SR-801
Measuring length L mm (inch)	2000/2100/2200/2300/2400/2500/2600/2700/2800/2900/3000 (78.7/82.6/86.6/90.5/94.4/98.4/102.3/106.2/110.2/114.1/118.1)
Overall length	L + 352 mm/ 13.9"
Max. travel	L + 90 mm/ 3.54"
Accuracy (at 20 °C / 68 °F)	$(5+5L/1000)\mu\text{m}$
Resolution	$0.5\ \mu\text{m}$
Zero point	—
Max. response speed	60 m/ min
Mounting parallelism	Within 0.1 mm/ 0.004"
Expansion coefficient	$(11 \pm 1) \times 10^{-6}/\text{°C}$
Protective design grade	Equivalent to IP 54
Operating temperature	-5 °C to 40 °C / 23 °F to 104 °F
Storage temperature	-10 °C to 50 °C / 14 °F to 122 °F
Head cable length	300 mm/ 11.8"