



**İMAJ TEKNİK**  
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ

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Linear Scale

# SD608-RA

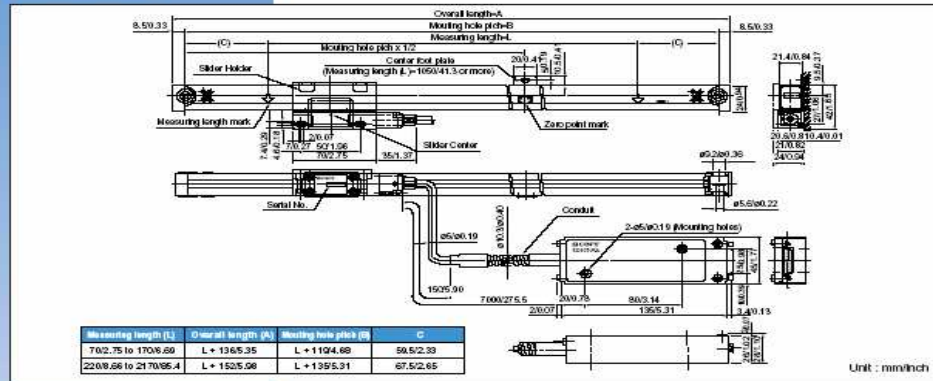
Compact scale with magnetic principle for feed back applications

- Slim, compact construction.
- Resolution: 0.5  $\mu\text{m}$  and 1  $\mu\text{m}$
- Switch-selectable A/B phase output and UP/DOWN signal, and synchronized zero point signal.
- Same expansion coefficient as machine tools:  $(11 \pm 1) \times 10^{-6}/^\circ\text{C}$
- Highly resistant to workshop conditions.
- High response speed: 60 m/min
- Protective design grade: equivalent to IP54

## Specifications

Model	SD608-RA
Measuring length mm (inch)	70, 120, 170, 220, 270, 320, 370, 420, 470, 520, 570, 620, 720, 820, 920, 1020, 1220, 1370, 1570, 1820, 2020, 2170 (2,8,4,7,6,7,8,7,10,6,12,5,14,5,16,5,18,5,20,4,22,4,24,4,28,3,32,2,36,2,40,1,48,0,53,9,61,8,71,6,79,5,85,4)
Accuracy (at 20 °C / 68 °F)	$\pm 5 \mu\text{m}$
Resolution	0.5 $\mu\text{m}$ , 1 $\mu\text{m}$
Scale response speed	60 m/min
Zero point response speed	18 m/min Max
Expansion coefficient	$(11 \pm 1) \times 10^{-6}/^\circ\text{C}$
Output	Switch-selectable A/B phase output and UP/DOWN signal, and synchronized zero point signal; zero point: 1 point within measuring length (standard: 1 point at the center)
Protective design grade	Equivalent to IP54 (scale unit) Equivalent to IP30 (detector unit)
Operating temperature	0 °C to 45 °C / 32 °F to 113 °F
Power supply	5VDC $\pm 5\%$
Power consumption	200 mA (no load), 300 mA (with load)

## Dimensions



Linear Scales

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