

(NEW)DK830

Specifications

Model	DK830SR	DK830SLR	DK830SVR
Measuring range		30 mm	
Resolution		0.1 μm	
Accuracy(at 20°C / 68°F)		1.3 μm	1.7 μm
Measuring force		Upward: 0.5 ±0.35 N	Air presser 0.07 Mpa 1.9 N or less for all diection Air presser 0.09 Mpa 2.6 N or less for all diection
		Horizontal: 0.6 ±0.35 N	
		Downward: 0.7 ±0.35 N	
Operating temperture		0 to 50°C	
Strage temperature		-20 to 60°C	
Maximum response speed		80 m/min	
Refence response speed		80 m/min	
Air driving		non	Pneumatic push type
Reference point position		One point at 1mm spindle move	
Protective design grade (Note1)	IP53	IP53/IP67 (Note2)	
Vibration resistance		10 to 2kHz 100 m/s ²	
Impact resistance		1000 m/s ² 11 ms	
Cable lngth		Approx. 2.4 m	
Diameter of stem		φ8	
Feeler		Provided with a carbide tip, Mounting screw M2.5	
Power supply voltage		DC 5 V±5 %	
Power consumption		1 W	
Mass (Note3)		Approx. 70 g	Approx. 80 g
Output		A/B/REF voltage-differential line driver output (compliant with EIA-422)	
Garanteed number of strokes		20 million or more	10 million or more
Output cable length(up to the electronic section)		22 m MAX	
Accessories		Spanner, Instruction manual, Supplimanet, +P M4x5 screw(2 pcs.)	

Note1: Except interpolation box and connector Note2: Bellows set(Option accessory) Note3: Except cable and interpolation box Note4: According to the evaluation method of Magnescale.

