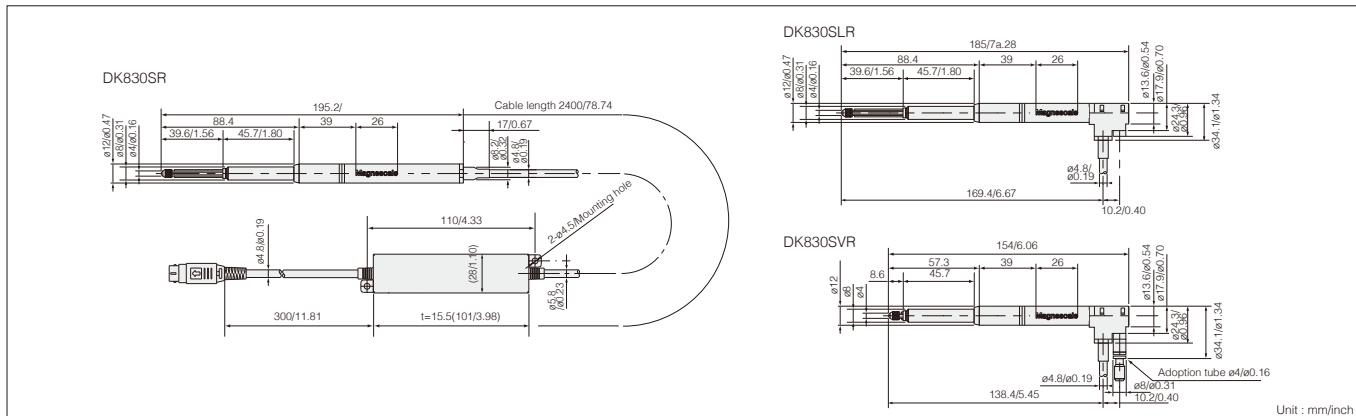


[NEW]DK830

Specifications

Model	DK830SR	DK830SLR	DK830SVR
Measuring range		30 mm	
Resolution		0.1 μ m	
Accuracy(at 20°C / 68°F)	1.3 μ m		1.7 μ m
Measuring force	Upward: 0.5 \pm 0.35 N		Air presser 0.07 Mpa 1.9 N or less for all direction
	Horizontal: 0.6 \pm 0.35 N		Air presser 0.09 Mpa 2.6 N or less for all direction
	Downward: 0.7 \pm 0.35 N		
Operating temperature	0 to 50°C		
Storage temperature	-20 to 60°C		
Maximum response speed	80 m/min		
Reference 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 length		Approx. 2.4 m	
Diameter of stem		ø8	
Feeler		Provided with a carbide tip, Mounting screw M2.5	
Power supply voltage		DC 5 V \pm 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)	
Guaranteed 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(Optional accessory) Note3: Except cable and interpolation box Note4: According to the evaluation method of Magnescale.



Unit : mm/inch