

# KTF General Slider Series

## Product specifications

Parameters	Specifications																	
<b>OUTPUT</b>																		
Stroke length(mm)	75	100	110	125	150	175	200	225	250	275	300	325	350	360	375	400	425	
Mechanic Stroke length	Stroke length + 3mm																	
Non-linearity	±0.08%full stroke									±0.05%full stroke								
Resolution	Infinite																	
Repeatability	0.01mm																	
Max operating speed	10m/s																	
Output type	0~100% of operating voltage(vary with position)																	
Dimension A	Stroke length + 80mm																	
<b>ENVIRONMENTAL</b>																		
Operating temperature	-60° C~+150° C																	
Temperature coefficient	<1.5PPM/° C																	
Shock rating	50g(single hit) / IEC68-2-29:1968																	
Vibration rating	20g / IEC68-2-6:1982																	
Protection rating	IP54																	
<b>ELECTRONICS</b>																		
Max operating voltage	DC12V																	
Operating current	≤10mA																	
Resistance ±10%	5.0KΩ																	
<b>OUTPUT</b>																		
Stroke length(mm)	450	500	550	600	650	700	750	800	850	900	950	1000	1150	1250	1450	1500	1600	
Mechanic Stroke length	Stroke length + 7mm																	
Non-linearity	±0.05%full stroke						±0.04%full stroke						±0.03%full stroke					
Resolution	Infinite																	
Repeatability	0.01mm																	
Max operating speed	10m/s																	
Output type	0~100% of operating voltage(vary with position)																	
Dimension A	Stroke length + 143mm																	
<b>ENVIRONMENTAL</b>																		
Operating temperature	-60° C~+150° C																	
Temperature coefficient	<1.5PPM/° C																	
Shock rating	50g(single hit) / IEC68-2-29:1968																	
Vibration rating	20g / IEC68-2-6:1982																	
<b>ELECTRONICS</b>																		
Max operating voltage	DC36V																	
Operating current	≤10mA																	
Resistance ±10%	5.0KΩ						10.0KΩ						20.0KΩ					
<b>OUTPUT</b>																		
Stroke length(mm)	1800	2000	2250	2500														
Mechanic Stroke length	Stroke length + 7mm																	
Non-linearity	±0.03%full stroke																	
Resolution	Infinite																	
Repeatability	0.01mm																	
Max operating speed	10m/s																	
Output type	0~100% of operating voltage(vary with position)																	
Dimension A	Stroke length + 143mm																	
<b>ENVIRONMENTAL</b>																		
Operating temperature	-60° C~+150° C																	
Temperature coefficient	<1.5PPM/° C																	

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Parameters	Specifications
Shock rating	50g(single hit) / IEC68-2-29:1968
Vibration rating	20g / IEC68-2-6:1982
<b>ELECTRONICS</b>	
Max operating voltage	DC36V
Operating current	≤10mA
Resistance ±10%	20.0KΩ

## Installation dimensions

A=effective stroke + 143mm

