

KTF Slide Electric Conduction Plastic Film

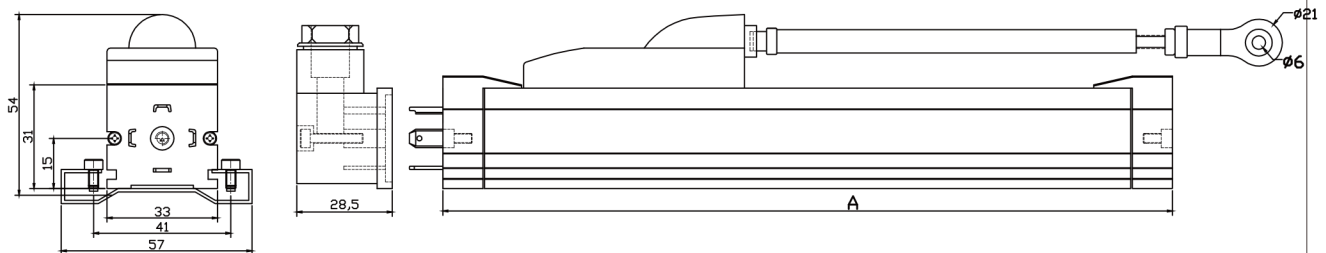


Feature:

1. No Pole Design
2. Spherical Hinge Could Avoid Lateral Force
3. Usage Life Is Longer, Times Could Reach Thirty Million
4. Non-linearity Smaller
5. Resolution Rate Is Higher Than 0.01mm
6. High Speed
7. Din43650 Standard Plug And Socket
8. Protection Grade Is Ip65 (install Down Is Ip57)
9. Could Equip With Voltage And Current (2line, 3line) Module

Technical Specifications

Measuring stroke	50 to 2500mm
Linearity	±%0.05
Repeated	< 0.01mm
Resolution	infinite
resistance	5 K Ω /10K Ω
Resistance tolerance	±%20
Load Resistance	100K Ω
Allow power supply voltage	28V
Electrical connections	Hessman plug
Displacement speed	< 1.5m/s
Mechanical life	> 30×10 ⁶
Shell size	33mX33mm
shell material	Anodized Aluminum
Rod material	Stainless steel
Rod diameter	φ6mm
Mechanical fixation	Adjustable stand
IP degree	IP 50
Operating temperature	-40°C/+80°C



Data

Working range / mm		75	100	125	150	175	200	225	300	450	500	600	750	900	1000	1250	1500	1800	2000	2250	2500
Electrical stroke / mm		75.5	101	126	151	176.5	201.5	226.5	302	453	503.5	604	754.5	905.5	1006	1259	1511	1813	2013	2264	2514
Standard resistance / K Ω		5	5	5	5	5	5	5	5	5	5	10	10	10	10	20	20	20	20	20	20
Independent linearity / ±%		0.15	0.15	0.15	0.1	0.1	0.08	0.08	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Shell length (dimension A) / ± 2mm		192	217	243	268	293	319	344	421	572	623	724	875	1027	1128	1381	1683	1935	2135	2386	2636
Mechanical stroke (size MT) / ± 2mm	(	82	108	133	158	183	208	233	309	460	510	611	761	912	1013	1266	1518	1820	2020	2271	2521
Weight (without accessories) / g		143	165	186	208	229	250	272	336	467	511	556	624	720	789	962	1136	1344	1518	1674	1830