

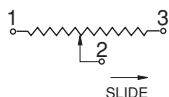
MODEL CFL

- Conductive Plastic
- RoHS Compliant



Model CFL200

Terminal Connection Diagram



Standard Model Numbers

Stroke	Approx. 203mm	CFL200
Stroke	Approx. 303mm	CFL300
Stroke	Approx. 403mm	CFL400
Stroke	Approx. 505mm	CFL500
Stroke	Approx. 1,005mm	CFL1000

General Specifications

Model No.		CFL200	CFL300	CFL400	CFL500	CFL1000
Dimension	A±1	250mm	350mm	450mm	550mm	1,050mm
	B±0.5	240mm	340mm	440mm	540mm	1,040mm
Standard Resistance Values		2k, 5k, 10k (Ω)	5k, 10k, 20k (Ω)	5k, 10k, 20k 50k, 100k (Ω)	5k, 10k, 20k 50k, 100k (Ω)	10k, 20k, 50k 100k, 200k 500k (Ω)
Total Resistance Tolerance	Standard Class	±20% (M)				
	Precision Class	±10% (K)				
Independent Linearity Tolerance	Standard Class	±0.5%				
	Precision Class	±0.1%				
	Super-Precision Class	±0.05%				
Output Smoothness		Within 0.1% against input voltage				
Contact Resistance Variation		Within 2% C.R.V.				
Power Rating		2.0W	2.5W	3.0W	4.0W	6.0W
Electrical Stroke		200±1mm	300±1mm	400±1mm	500±1mm	1000±1mm
Mechanical Stroke (See "Note" below)		Approx. 203mm	Approx. 303mm	Approx. 403mm	Approx. 505mm	Approx. 1005mm
Insulation Resistance		Over 1,000MΩ at 500V.D.C.				
Dielectric Strength		1 minute at 500V.A.C.				
Friction		Within 0.2N (20gf)				
Resistance Temperature Coefficient		±400p.p.m./°C				
Life Expectancy		10,000,000 slider reciprocating motions				—
Operating Temperature Range		-30°C ~ +105°C				
Mass (Approx.)		70g	100g	130g	160g	300g

Note: The values of mechanical stroke are approximate ones.

Because there are no mechanical stoppers at the both ends, please be careful so that the movable wiper contact doesn't leave the track.

Special Specifications Available

- Mechanical stops at both ends

(In case of the potentiometer with special specifications, the general specifications and environmental specifications may change. Please consult us in advance.)

Standard Dimensions

