

MODEL 18FLPC

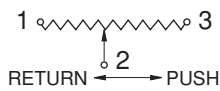
- Conductive Plastic
- With front and rear extended shaft
- RoHS Compliant

● Standard Dimensions



Model 18FLPCC50RE

● Connector Terminal Connection Diagram



● Standard Model Numbers

Stroke 25mm	18FLPCC25RE
Stroke 50mm	18FLPCC50RE

■ Specifications of Connector
 Number of poles: 5 poles
 Diameter of electrical wire: ϕ 4.8mm max.

■ Panel Arrangements
 4×M4 P=0.7 depth 5.5 min.

Model No.	Mechanical Stroke (MS)	Dimensions		
		A	B	L
18FLPCC25RE	30	63	32	33
18FLPCC50RE	55	88	40	58

Note: 4 pcs. of fixing nail and mating connector are attached.

● General Specifications

Model No.	18FLPCC25RE	18FLPCC50RE
Standard Resistance Values	500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω)
Total Resistance Tolerance	$\pm 10\%$ (K)	
Independent Linearity Tolerance	Standard Class	$\pm 0.5\%$
	Precision Class	$\pm 0.2\%$ $\pm 0.1\%$
Resolution	Essentially Infinite	
Output Smoothness	Within 0.1% against input voltage	
Contact Resistance Variation	Within 2% C.R.V.	
Power Rating	0.5W	0.75W
Electrical Stroke	25 \pm 1mm	50 \pm 1mm
Mechanical Stroke (MS)	Approx. 30mm	Approx. 55mm
Insulation Resistance	Over 1,000M Ω at 500V.D.C.	
Dielectric Strength	1 minute at 500V.A.C.	
Friction	Within 3N (300gf)	
With Spring Return Device	Fitted (Standard)	
Stopper Strength	Approx. 90N (9kgf)	
Resistance Temperature Coefficient	± 400 p.p.m./ $^{\circ}$ C	
Mass	Approx. 100g	Approx. 150g

● Special Specifications Available

- Stroke 75mm (S18FLPCC75)
- Stroke 100mm (S18FLPCC100)
- Stroke 150mm (S18FLPCC150)
- Stroke 200mm (S18FLPCC200)
- Sealed type (IP54, The length of "A" is extended by abt. 12mm.)
- With spring return device (Available 75mm & 100mm stroke. Friction is approx. 3N [300gf]. Spring return device is mounted on the outer shaft.)
- With a cardan joint (without spring return device)
- Extra Tap (Available up to 1 tap and only on the version with a connector.)
- With leadwire terminals (Dimensions are as the right drawing. Dimensions of "A", "B", and "L" are the same as the above table. Length of lead wires is 1m.)

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

