

MODEL 18FLPC

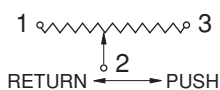
- Conductive Plastic
- With front and rear extended shaft
- RoHS Compliant

● Standard Dimensions



Model 18FLPCC50RE

● Connector Terminal Connection Diagram



■ 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: 2 pcs. of fixing nail and mating connector are attached.

● Standard Model Numbers

Stroke 25mm	18FLPCC25RE
Stroke 50mm	18FLPCC50RE

● 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

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

- 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.)

