



Model 18FLPCC50RE

● Connector Terminal Connection Diagram



● Standard Model Nos.

18FLPCC25RE	Stroke	25mm
18FLPCC50RE	Stroke	50mm

● General Specifications

Model No.	18FLPCC25RE	18FLPCC50RE
Standard Resistance Values	500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω)
Total Resistance Tolerance	±10% (K)	
Independent Linearity Tolerance	Standard Class	±0.5%
	Precision Class	±0.2% ±0.1%
Resolution	Essentially Infinite	
Output Smoothness	Below 0.1% against input voltage	
Contact Resistance Variation	Below 2% C.R.V.	
Power Rating	0.5W	0.75W
Electrical Stroke	25±1mm	50±1mm
Mechanical Stroke (MS)	Approx. 30mm	Approx. 55mm
Insulation Resistance	Over 1,000MΩ at 500V.D.C.	
Dielectric Strength	1 minute at 500V.A.C.	
Friction	Below 3N (300gf)	
With Spring Return Device	Fitted (Standard)	
Stopper Strength	Approx. 90N (9kgf)	
Resistance Temperature Coefficient	±400p.p.m./°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 Taps (Available up to 1 tap and only on the version with a connector.).

In case of with leadwire terminals, the dimensions are as the right drawing: (The dimensions of "A", "B" & "L" are the same as above table.) Leadwire length is 1m.

● Standard Dimensions

