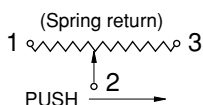


● Connector Terminal Connection Diagram



● 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		Within 0.1% against input voltage	
Contact Resistance Variation		Within 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		Within 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

Higher resistance value (20kΩ, 50kΩ [50kΩ is available for 18FLPCC50RE only]), Stroke 75mm (S18FLPCC75), Stroke 100mm (S18FLPCC100), Stroke 150mm (S18FLPCC150), Stroke 200mm (S18FLPCC200), Sealed type (IP54, The length of "A" is extended by abt. 12mm.), Spring return device (Available 75mm & 100mm stroke. Friction is approx. 3N [300gf]. Spring return device is mounted on the outer shaft.), 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

■ Fixing Nail **■ Panel Arrangements**

■ Specifications of Connector
 Water-proof type
 Number of poles: 5 poles
 Electrical wire diameter to be connected: φ 4.8mm max.

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.

