# Model 18FLPCC50RE Connector Terminal Connection Diagram

Spring Return

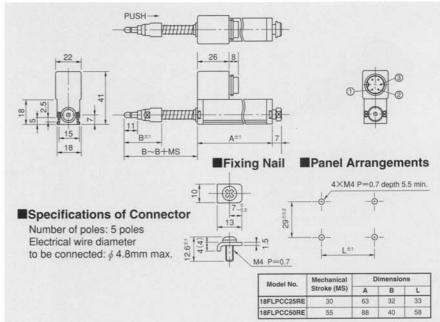
PUSH 2

1 000000000 3

### Standard Model Nos.

**18FLPCC50RE** Stroke 25mm **18FLPCC50RE** Stroke 50mm

# Standard Dimensions



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

## General Specifications

Model No.		18FLPCC25RE	18FLPCC50RE
Standard Resistance Values Total Resistance Tolerance		500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω
		±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 1,000M Ω 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.

