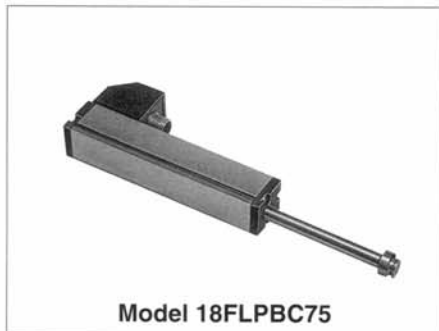
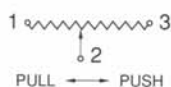


● Standard Dimensions

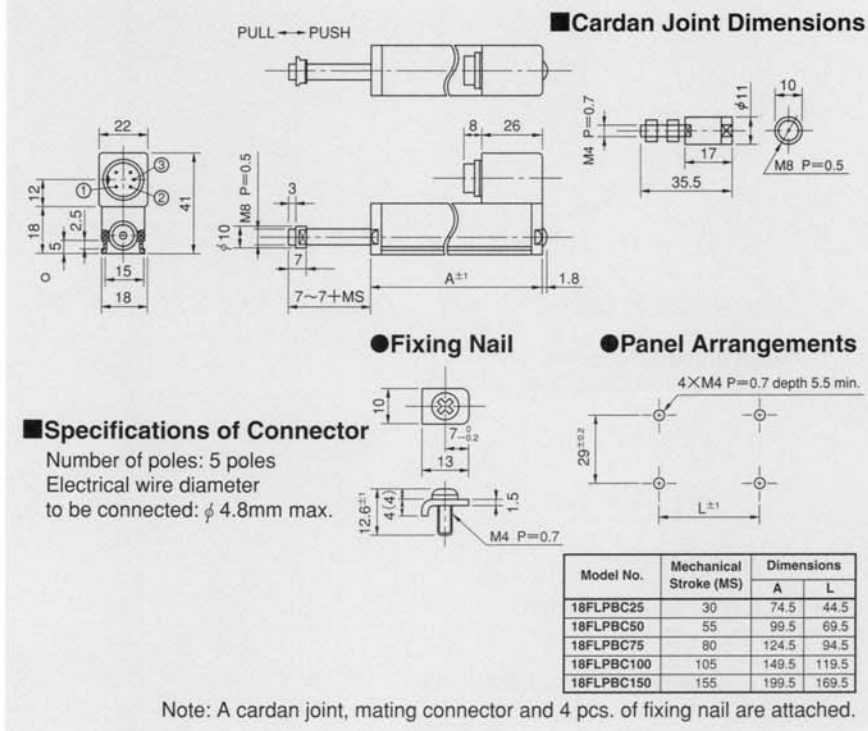


● Connector Terminal Connection Diagram



● Standard Model Nos.

18FLPBC25	Stroke	25mm
18FLPBC50	Stroke	50mm
18FLPBC75	Stroke	75mm
18FLPBC100	Stroke	100mm
18FLPBC150	Stroke	150mm



● General Specifications

Model No.		18FLPBC25	18FLPBC50	18FLPBC75	18FLPBC100	18FLPBC150
Standard Resistance Values		500, 1k, 2k, 5k, 10k (Ω)	500, 1k, 2k, 5k, 10k (Ω)	500, 1k, 2k, 5k, 10k, 20k (Ω)	1k, 2k, 5k, 10k, 20k (Ω)	1k, 2k, 5k, 10k, 20k (Ω)
Total Resistance Tolerance		±10% (K)				
Independent Linearity Tolerance	Standard Class	±0.5%				
	Precision Class	±0.2%	±0.1%			±0.05%
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	1.0W	1.25W	1.5W
Electrical Stroke		25±1mm	50±1mm	75±1mm	100±1mm	150±1mm
Mechanical Stroke (MS)		Approx. 30mm	Approx. 55mm	Approx. 80mm	Approx. 105mm	Approx. 155mm
Insulation Resistance		Over 1,000MΩ at 500V.D.C.				
Dielectric Strength		1 minute at 500V.A.C.				
Friction		Below 1.2N (120gf)				
Stopper Strength		Approx. 90N (9kgf)				
Resistance Temperature Coefficient		±400p.p.m./°C				
Mass		Approx. 90g	Approx. 120g	Approx. 140g	Approx. 160g	Approx. 250g

● Special Specifications Available

Stroke 200mm (S18FLBC200), Sealed type (IP54, The length of "A" is extended by abt. 6mm.), 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" & "L" are the same as above table.) Leadwire length is 1m.

