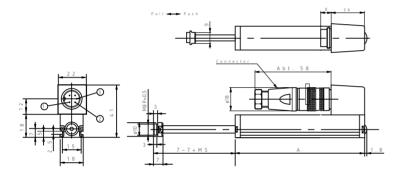




18FLPB mm

Standard dimensions





Specifications of Connector

- Water-proof type
 Number of poles: 5 poles
 Electrical wire diameter
- to be connected ø 4.8mm max.

Model no.	Mechanical Stroke (MS)	Dimensions		
		А	L	
18FLPBC25	30	74.5	44.5	
18FLPBC50	55	99.5	69.5	
18FLPBC75	80	124.5	94.5	
18FLPBC100	105	149.5	119.5	
18FLPBC150	155	199.5	169.5	

Note: A cardan joint, mating connector and 4 pcs. Of fixing nail are attached.

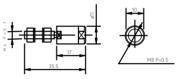
Standard Model Nos.

18FLPA15	stroke	15mm
18FLPA30	stroke	30mm
18FLPA50	stroke	50mm
18FLPA100	stroke	100mm





Cardan Joint Dimensions



Fixing Nail Panel Arrangements \sim

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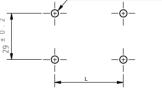
(\$\$)

12.6 ± (4 7 -

0.2

‡₽

M4 P=0.7



epth 5.5 min

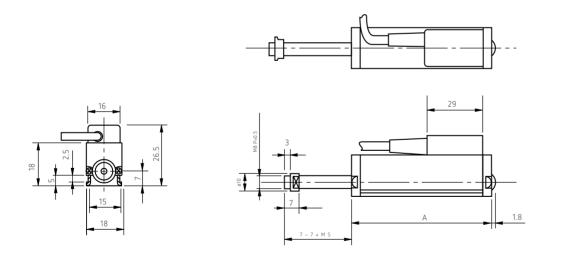


General Specifications

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%	±0.2% ±0.1%			±0.05%
Resolution		Essentially Infite				
Output Smoothness		Within 0.1% against input voltage				
Contact Resistance Variatio	n	Within 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 1,000M Ω at 500V.D.C.				
Dielectric Strength		1 minute at 500V.A.C.				
Friction		Within 1.2N (120gf)				
Stopper Strength		Approx. 90N (9kgf)				
Resistance Temperature Co	efficient	±400p.p.m./°C				
Mass		Approx. 90g	Approx. 120g	Approx. 140g	Approx. 160g	Approx. 250g

Special specifications available

Higher resistance value $(50k\Omega, 100k\Omega, [100k\Omega is available for 18FLPA150 only]$), 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.



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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification. Althen – Your expert partner in Sensors & Controls | althensensors.com

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