

mm FD60 analogue

Description

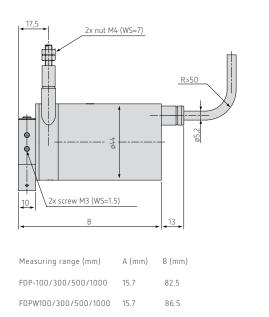
- Miniature design
- Optional IP67 (FDPW)
- For fast measurement and harsh environments

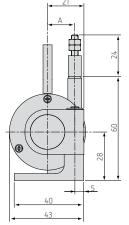


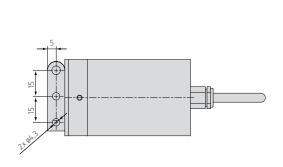
SENSORS & CONTROLS

The FDP/FDPW draw wire sensors are designed both for industrial use as well as for mobile applications. This drawwire displacement sensors are the preferred choice where mid-size displacements must be acquired under limited space conditions. The FDPW (waterproof) Series is particularly suitable for applications with harsh ambient conditions.

Model FDP / FDPW





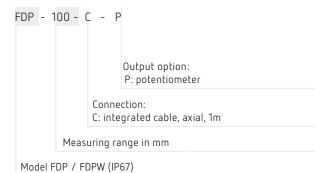




Technical data

Model		FDP(W)-100	FDP(W)-300	FDP(W)-500	FDP(W)-1000
Output				Ρ	
Measuring range		100mm	300mm	500mm	1000mm
	±0.1% FS0	-	-	0.5mm	1mm
Linearity	±0.25% FS0	-	0.75mm	-	-
	±0.5% FS0	0.5mm		- Re	solution
		0.15mm0.2mm	quasi infinite		
Sensor element		wire poter	wire potentiometer hybrid potentiometer		ntiometer
Temperature range		-20 +80°C			
Material	housing	aluminium			
	draw wire	stainless steel (ø 0.45mm)			
Wire mounting		thread M4			
Sensor mounting		swivel flange in two axes 180° / 360°			
Wire acceleration		appr. 30g			
Wire retraction force (min)		7N	7N	6.5N	5 N
Wire extension force (max)		8.5N	8.5N	8.5N	8N
Protection class	series MP	IP 65			
	series MPW	IP 67			
Vibration		20g, 20Hz - 2kHz			
Mechanical shock		50g, 10ms			
Electrical connection		integrated cable, axial, 3-leads, 1m long			
Weight		appr. 270g			
FSO = Full Scale Output					

Ordering code



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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.

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