

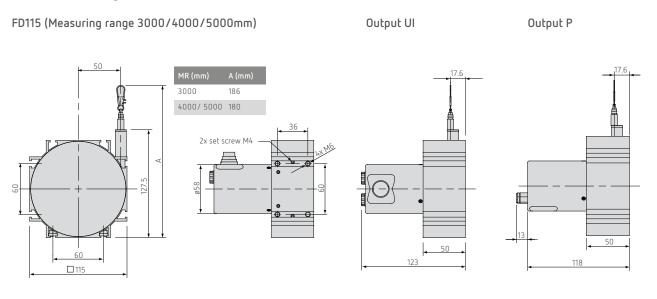
# mm FD115 analogue

## Description

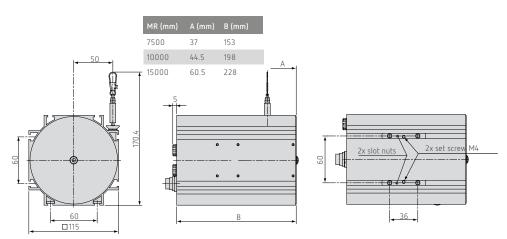
- Robust aluminium profile housing
- Customized versions for OEM
- Potentiometer, current and voltage output

Draw wire sensors of the FD115 Series are designed for general use. Numerous options enable a suitable sensor to be selected for almost any application. The analogue series is extremely compact and provides many different measuring ranges. The series has an attractive price/performance ratio based on state of the art technology.

### Outline drawing



## FD115 (Measuring ranges 7500/10000/15000mm)





SENSORS & CONTROLS





#### Technical data

Model		FD115- 3000	FD115- 4000	FD115- 5000	FD115- 7500	FD115- 10000	FD115 - 15000	
Measuringrange		3000mm	4000mm	5000mm	7500mm	10000mm	15000mm	
Output				P/U/I				
Linearity	±0.1% FS0	±3mm	-	-	-	-	-	
	±0.15% FS0	-	±6mm	±7.5mm	±11.3mm	±15mm	±22.5mm	
Resolution		quasi infinite						
Sensor element		hybrid potentiometer						
Temperature range		-20 +80°C						
Material	housing	aluminium						
	draw wire	coated polyamid stainless steel (ø 0.45mm) coated polyamid stainless steel (ø 1.0mm)						
Sensor mounting		slot nut						
Wire mounting		wire clip						
Wire acceleration		аррг. бд						
Wire retraction force (min)		4.5N	4N	4N	8N	8N	8N	
Wire extension force (max)		8N	8.5N	9N	24N	21N	25N	
Protection class		IP 65 (only if connected)						
Vibration		20g, 20Hz - 2kHz						
Mechanical shock		50g, 20ms						
Electrical connection	Р	integrated cable, axial, 1m long						
	U/I	flange connector, radial, 8-pin, DIN45326						
Weight FSO = Full Scale Output			appr. 1.1kg		2.2kg	3.2kg	3.5kg	

Ordering code

FD115 -	3000 -	CA -	Р	
			P: potentiometer	Connection CA: FD115-3000/4000/5000 Connection SA: FD115-7500/10000/15000
			U: voltage	Connection SR: FD115-3000/4000/5000 Connection SA: FD115-7500/10000/15000
			l: current	Connection SR: FD115-3000/4000/5000 Connection SA: FD115-7500/10000/15000
		Conne SR: ra SA: ax CA: in	, 1m	
	Measur	ing rang		
Model F	0115			

Model FD115

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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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