

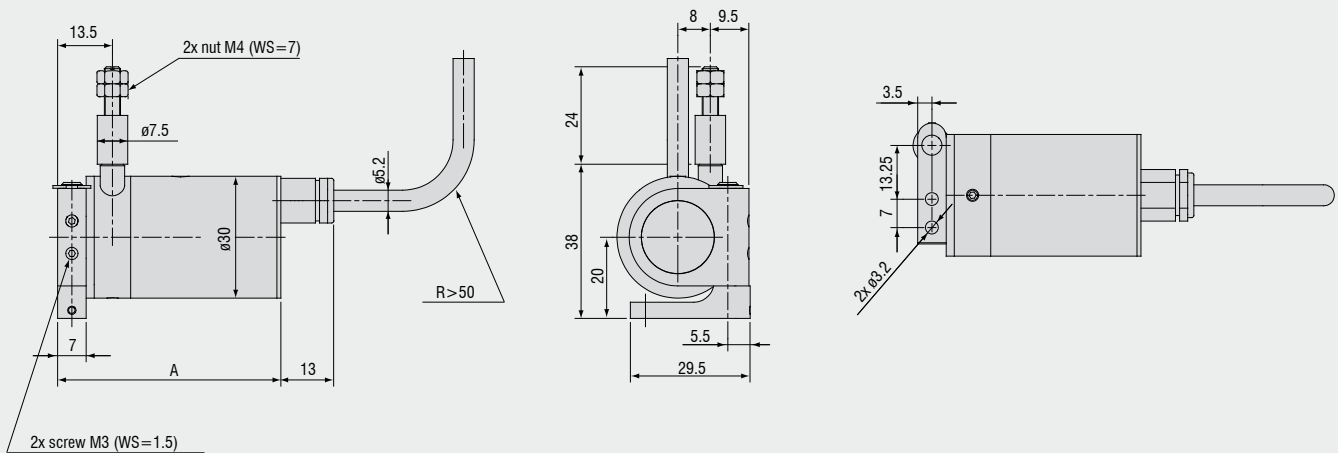
Draw-wire sensors wireSENSOR

MPM analog



- Extreme compact miniature sensor
- Flexible mounting via swivel flange
- High speed measurement, wire acceleration up to 100g

Model MPM



Measuring range (mm)	A (mm)
50	55
150 / 250	64
50-HG	61
150 / 250-HG	70

Model		WDS-50 MPM	WDS-150 MPM	WDS-250 MPM
Output		P		
Measuring range		50mm	150mm	250mm
Linearity	±0.2% FSO	-	±0.3mm	±0.5mm
	±0.25% FSO	±0.125mm	-	-
Resolution		quasi infinite		
Sensor element		conductive plastic potentiometer	hybrid potentiometer	
Temperature range		-20 ... +80°C		
Material	housing	Aluminium		
	draw wire	stainless steel (ø 0.45mm)		
Sensor mounting		swivel flange in two axes 180° / 360°		
Wire mounting		thread M4		
Wire acceleration		appr. 25g (Option HG: 100g)		
Wire retraction force (min)		1.5N (Option HG: 10N)		
Wire extension force (max)		3.5N (Option HG: 17N)		
Protection class	DIN EN 60529	IP 65		
Electrical connection		integrated cable, axial, 3-leads, 1m long		
Weight		appr. 150g		

FSO = Full Scale Output
 Specifications for digital outputs on page 43.

Article description

WDS - 50 - MPM - C - P - HG

Option HG: Wire acceleration up to 100g

Output option:
 P: potentiometer

Connection:
 C: integrated cable, axial, 1m

Model MPM

Measuring range in mm

