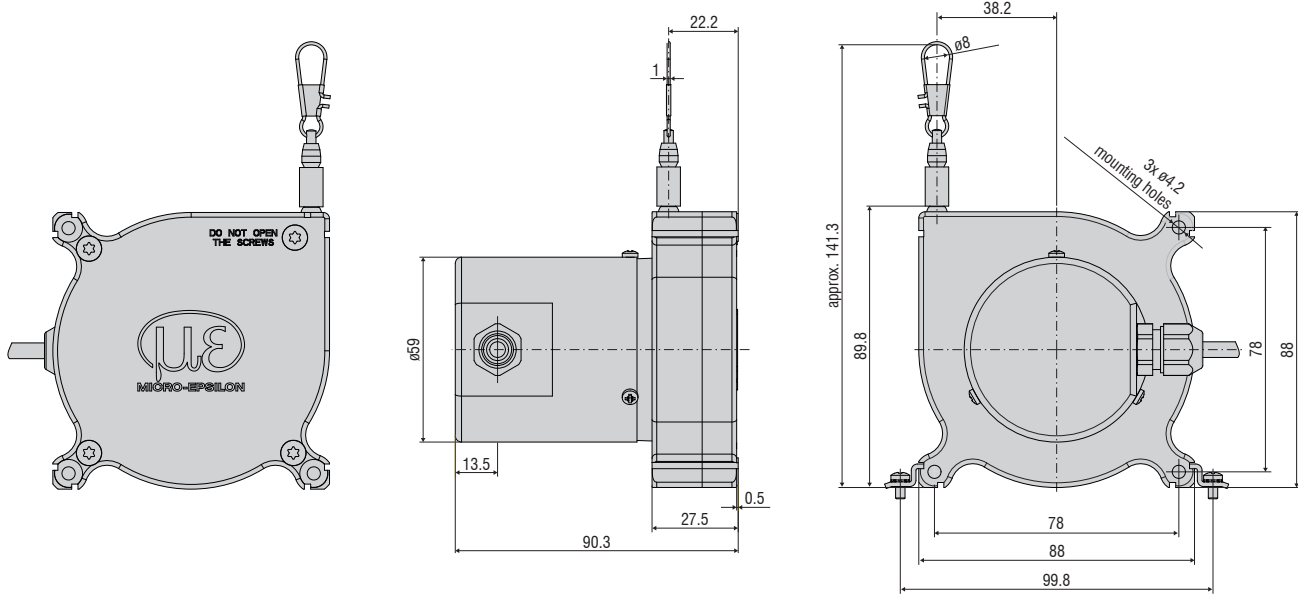


preliminary version



More Precision

wireSENSOR WPS-2000-MK88-U45R



Model	WPS-2000-MK88-U45R	
Measuring range	2000mm	
Sensor element	non-contact potentiometer	
Supply voltage	5V ± 10%	
Output	U: 1 - 85% of supply	
Linearity	± 0.3% FSO	
Resolution	0.6mm	
Hysteresis	3.3mm	
Typ. service life	2.000.000 cycles ¹	
Temperature range	operation	-40°C... +85°C
	storage	-40°C... +85°C
Material	housing	PA 6 GF 30
	draw wire	polyamide-coated stainless steel
Wire mounting	clip	
Sensor mounting	mounting holes	
Wire acceleration	5g	
Wire retraction force (min)	3N	
Wire extension force (max)	8N	
Vibration	20g, 20Hz...2kHz	
Mechanical shock	50g, 10ms	
Shaft seal protection	IP65	

FSO = Full Scale Output

¹ Unfavorable ambient conditions (shocks, vibrations, dirt etc.) can reduce the service life

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