

NORDIC TRANSDUCER

KS60FB Explosion- proof Draw Wire Position Sensor

Draw wire position Explosion- proof series

Series KS60FB 1000mm

1. output types:

- Analogue: potentiometer 4-20mA
- Digital: TTL/push-pull/OC
- Digital-Absolute:SSI,

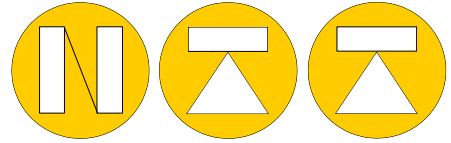
2.Linearity

- Analogue output $\pm 0.12\%$ of FS
- Digital/Digital-absolute $\pm 0.05\%$ of FS

3.Technical data



Output type	Digital	Analogue
Effective stroke	0-1000mm	0-1000mm
Sensor element	Encoder	Potentiometer
Stainless steel	0.7mm	0.7mm, Plastic coated
Output	OC (PNP) Push-pull	0-5K Ω , 0-10K Ω , Customized
	TTL	4-20mA (Two-wire system)
Translation circuit	No	Built-in, Exetation module
Output zero and output full	No	Adjustable
Linearity	$\pm 0.05\%$ FS	$\pm 0.12\%$ F.S.
Repeatability	0.01%	0.01%
Resolution (mm)	0.25,0.16,0.05,0.04, etc.	Infinitesimal
Max. Velocity	300mm/S	300mm/S
Vibration frequency	20HZ	20HZ
Starting Force	6N	6N
Response frequency	300K Hz	300HZ
Power	Due to output	<1W
Working voltage	5V 5-24V	12V, 24V,28V
Weight	4kg	4kg
Working temp range	-0C~+60C	-0C~+60C
Service life	>5 Mio.	>5 Mio.



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Anti-vibration	10HZ-1500HZ; 10G	10HZ-1500HZ; 10G
Cable length	4M (EXE cable)	4M (EXE cable)
Housing component	Titanium-anodized Aluminum, the coating is a hart anodic oxidation that protects the sensor from corrosion	Titanium-anodized Aluminum, the coating is a hart anodic oxidation that protects the sensor from corrosion
Protection Class	IP65, Explosion- proof	IP65, Explosion- proof

