

NORDIC TRANSDUCER

KS90FB Explosion- proof Draw Wire Position Sensor

#01102018/05

Draw wire position Sensor Explosion- proof series

Series KS90FB 3000mm

1. Output types:

- Analogue: potentiometer 4-20mA (2wire)
- Digital: TTL/push-pull/OC
- Digital-Absolute: SSI,

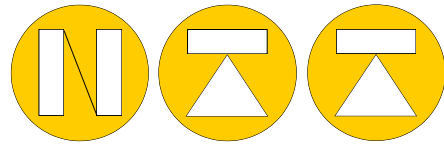
2. Linearity

- Analogue output $\pm 0.1\%$ of FS
- Digital/Digital-absolute $\pm 0.05\%$ of FS

3. Technical data



Output type	Digital	Analogue
Effective stroke	0-3000mm	0-3000mm
Sensor element	Encoder	Potentiometer
Stainless steel	0.7mm, 1.0mm Plastic-coated	0.7mm, Plastic-coated
Output	OC (PNP) Push-pull	0-5K Ω , 0-10K Ω , Customized
	TTL	4-20mA (Two-wire)
Translation circuit	No	Built-in, External, External module
Output zero and output full	No	Adjustable
Linearity	$\pm 0.05\%$ FS	$\pm 0.1\%$ F.S.
Repeatability	0.01%	0.01%
Resolution (mm)	0.25, 0.16, 0.05, 0.04, etc.	Infinitesimal
Max. Velocity	2000mm/S	2000mm/S
Vibration frequency	50HZ	50HZ
Response frequency	300K Hz	2000HZ
Power	Due to output	<1W
Working voltage	5V 5-24V	12V,24V,28V
Extended tension		Option ! please ask
Max. acceleration	5G	5G
Weight	5kg	5kg
Working temp range	-10C~+60C	-10C~+60C
Service life	>5 Mio.	>5 Mio.
Anti- vibration	10HZ-1500HZ; 10G	10HZ-1500HZ; 10G



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Cable length	5M (waterproof cable with PG)	Special: at order (waterproof cable With fixed PG)
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

