

NORDIC TRANSDUCER

KS60 medium size

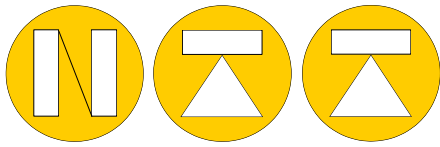
Wire rope position transducers industrial series

Series KS60

1. Output types:
 - Analogue: potentiometer, 0-10V,0-5V,4-20mA
 - Digital: TTL/push-pull/OC
2. Linearity
 - Analogue output $\pm 0.12\%$ of FS
 - Digital $\pm 0.05\%$ of FS
3. Technical data



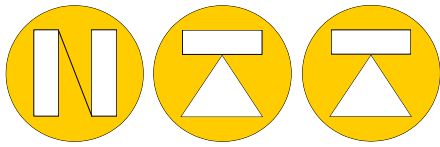
| Output type | Digital | Analogue |
|-----------------------------|--|--|
| Effective stroke | 0-2500mm | 0-2000mm, 0-2500, 0-3000mm |
| Sensor element | Encoder | Potentiometer |
| Stainless steel | 0.7 / 0,8mm Plastic-coated | 0.7 / 0.8mm Plastic-coated |
| Output | Standard: Push-pull (F) Option: OC NPN (C) Long line driver 5V (L) | Standard 0-5 k ohm, 0-10 k ohm Customized |
| | | 4-20mA(2-wire/4-wire system) 0-5V;0-10V;(Three-wire/Four-wire system) |
| Excitation circuit | No | Built-into the module |
| Output zero and output full | No | Adjustable |
| Linearity | 0.05%FS | 0.12%FS |
| Repeatability | 0.01% | 0.01% |
| Resolution direct (mm) | 0.5, 0.33, 0.2, 0.1, 0.08, 0.04 | Infinitive |
| Max. Velocity | 200mm/S | 200mm/S |
| Vibration frequency | 50HZ | 50HZ |
| Response frequency | 300K Hz | 2000HZ |
| Power | Due to output | <1W |
| Working voltage | Standard: 5-24V Line drive 5V TTL | 10-30V(built-in) 12V,24V,28V(outlay) |
| Starting force | 4N | 4N |
| Weight | 450g | 450g |
| Working temp range | 0 C- +30C | 0C - 30C |
| Service life | >10 Mio | >5 Mio |



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| | | |
|--------------------------|--|--|
| Anti- vibration | 10HZ-1500HZ; 10G | 10HZ-1500HZ; 10G |
| Cable length | 4M (standard) | 4M (standard) |
| 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 | IP65 |





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KS60Size Diagram

