

NORDIC TRANSDUCER

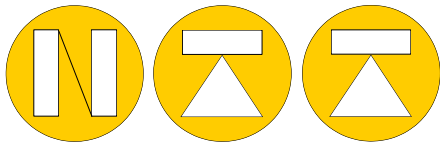
KS30 small size 1000mm analogue

**Wire rope position transducers industrial series
Series KS30**

1. Output types:
 - Analogue: potentiometer, 0-10V,0-5V,4-20mA
2. Linearity
 - Analogue output $\pm 0.1\%$ of FS
3. Technical data



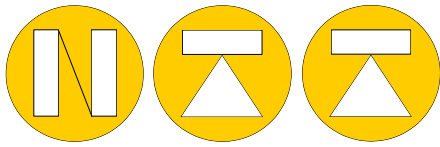
| Output type | Analogue |
|-----------------------------|---|
| Effective stroke | 0-1000mm |
| Sensor element | Potentiometer |
| Stainless steel | 0.6mm Plastic-coated |
| Output | Standard 0-5 k ohm, 0-10 k ohm Customized 4-20mA(2-wire/4-wire system) 0-5V;0-10V;(Three-wire/Four-wire system) |
| Excitation circuit | Built-into the module |
| Output zero and output full | Adjustable |
| Linearity | 0.1%FS, |
| Repeatability | 0.01% |
| Resolution quadrupled (mm) | Infinitive |
| Max. Velocity | 300mm/S |
| Vibration frequency | 50HZ |
| Response frequency | 2000HZ |
| Power | <1W |
| Working voltage | 10-30V(built-in), Option12V,24V,28V(outlay) |
| Starting force | 4N |
| Weight | 450g |
| Working temp range | 0C - +30C |
| Service life | >5 Mio |
| Anti- vibration | 10HZ-1500HZ; 10G |
| Cable length | 4M(standard) |



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| | |
|---|--|
| Housing component | Titanium-anodized Aluminum, the coating is a hart anodic oxidation that protects the sensor from corrosion |
| Protection Class | IP65 |
| Standard 3 wire connecting voltage | Red: 10-30V supply Blue: Grounding Yellow: Signal |
| Standard connection 4-20mA 2 wire | Red: 10-30V Supply Blue: Gnd/signal |





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KS30Size Diagram

