

## NORDIC TRANSDUCER

### KS20 small size

#### Wire rope position transducers industrial series

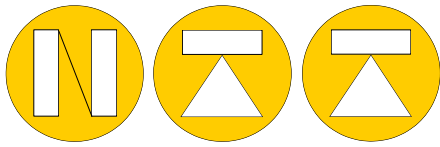
#### Series KS20 0-1000mm

1. Output types:
  - Digital: TTL/push-pull/OC
2. Linearity
  - Digital  $\pm 0.05\%$  of FS

#### Technical data

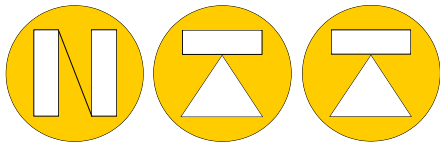


<b>Output type</b>	<b>Digital</b>
<b>Effective stroke</b>	0-1000mm
<b>Sensor element</b>	Encoder
<b>Stainless steel</b>	0.6mm Plastic-coated
<b>Output</b>	Standard Push-pull (F) Options: OC NPN (C) Long line driver 5V (L)
<b>Linearity</b>	0.05% FS
<b>Repeatability</b>	0.01%
<b>Resolution direct 1 (mm)</b>	0.2, 0.133, 0.08, 0.04, 0.032, 0.016
<b>Max. Velocity</b>	300mm/S
<b>Vibration frequency</b>	50HZ
<b>Response frequency</b>	300K Hz
<b>Power</b>	Due to output
<b>Working voltage</b>	Standard 5-24V, Option: Line drive = 5V
<b>Starting force</b>	4N
<b>Weight</b>	450g
<b>Working temp range</b>	-20 C- +85C
<b>Service life</b>	>10 Mio
<b>Anti- vibration</b>	10HZ-1500HZ; 10G
<b>Cable length</b>	4M (standard)
<b>Housing component</b>	Titanium-anodized Aluminum, the coating is a hart anodic oxidation that protects the sensor from corrosion
<b>Protection Class</b>	IP65



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**KS20Size Diagram**

