

# POLYTOP

Exporter from china

## PTKA SERIES SEALED LINEAR ENCODERS:



Among others, KA-300 is a standard linear encoder which has been used most frequently (at TTL level). KA-500 is of an ultra small and thin version, representing the highest technical level in today's China, hence facilitating installation at some narrow places and of special purpose measuring apparatuses. KA-700 is a kind of newly designed product for the oil pressure system and also places where it is extremely hard for installation work. Its emergence is to expand the scope of applications of digital readout devices.

KA-300NC, KA-600NC and KA-500NC are the latest launched CNC machine tools feedback testing grating linear encoders, with dimensions being similar to those of KA-300, KA-600 and KA-500. They output signals as per the industrial standards EIA-422-A, with a resolution factor at 0.001 mm, and a maximum moving speed of 2.3m/s, and a supply voltage at DC 5 volts. They have been widely applied in fully feedback CNC machine tools. Actually, the company has taken the lead at present in such grating linear encoders which are able to reach these above said technical readouts.

SPECIFICATIONS\MODEL	KA-300	KA-500	KA-600	KA-700	KA-900	KA-300NC	KA-500NC	KA-600NC
MEASURE LENGTH ONLY FOR ONE PER 50MM	70-1020	70-470	1000-3000	170-1240	0-50	70-1020	70-470	1000-3000
CROSS SECTION SIZE (MM)	25x34	18x20	30x43	40x42	20-40	25x34	18x20	30-43
ACCURACY	$\pm 3/\pm 5/\pm 10\mu\text{m}(20^\circ\text{C}/68^\circ\text{F})$					$\pm 3/\pm 5\mu\text{m}(20^\circ\text{C}/68^\circ\text{F})$		
MAX .TRAVERSING SPEED	1m/s					2.3m/s		
REPEATABILITY	$\pm 1$ counting impulse							
PROTECTION	IP55							
RESOLUTION	0.5/1/5	0.5/1/5	0.5/1/5	5	1/5	1	1	1
OUTPUT	TTL	TTL	TTL	TTL	TTL	EIA-422-A	EIA-422-A	EIA-422-A