

Linear scale counter

FUNCTIONS

Counter		KA-200 Counter	KLD-200 Counter
Function			
Zero-setting		●	●
Preset		●	●
Resolution setting		●	●
Measurement direction setting		●	●
mm/inch conversion		●	●
Diameter display		●	●
Scale reference point setting ⁻¹		●	●
1/2 calculation		●	●
Coordinate system switching		●	—
Bolt-hole circle machining		● ⁻²	—
Pitch machining		●	—
Zero approach machining (INC mode)		●	—
Addition of 2-scale data		● ⁻³	—
Linearity error compensation		●	●
Pitch error compensation		● ⁻¹	—
Smoothing		●	●
Memory backup		●	●
Expansion/contraction coefficient setting		—	●
Lower digit blanking out		●	●
External zero-setting		▲ ⁻⁴	●
RS-232C interface unit		▲ ⁻⁴	●
USB output		▲ ⁻⁵	—
Limit signal output		—	●
Error message		●	●

●: Standard function, ▲: Optional function, —: Not available

-1: Only available when connecting with AT100 series.

-2: Not available in single-axis use

-3: Only available for 3-axis model

-4: Code out unit (06AET993) is required.

-5: Text can be output by interface unit and foot switch

Adapter Cross Reference

(For adapting old linear scales to new counters, or new linear scales to old counters)

	Linear Scale Series No's.	Adapter No.	Counters
Old linear scales with 6 pin round connectors	FOR AT2-N, AT2, AT-11N, AT11, AT12N (529 Series)	09AAA207	All KA, KS, KC, UDR Series Counters with 15 pin connectors. (All 174 Series)
New linear scales w/15 pin D-Sub connectors	FOR AT102, AT103, AT111, AT112, AT113, AT115, AT116, AT181	09AAA181	For all .0001" resolution counters with seven pin round connectors
		09AAA181V*	APL Counter 164-660*, 164-661*, 164-662* MPK-2L 983-352
		09AAA198	For all .0005" resolution counters with six pin round connectors
		09AAA198V*	APL Counter 164-660*, 164-661*, 164-662*, 164-563*, 164-664*, 164-665* PL and PL Zero Output Counter 164-252A, 164-254A, 164-295A

* V = Vertical type

When only replacing one linear scale, you can use either horizontal or vertical type adapter.



09AAA207



09AAA198