

Sensors

Resistive Position Sensors

Linear Type
RDC10 SeriesHigh-precision ($\pm 0.5\%$ relative linearity) space-saving design, contributing to set miniaturization.

Automotive

※Please check the product list for compatible products

■ Type: Linear

Applications: Energy_Industrial: Robots, drones

Game: Home handheld consoles, Virtual/augmented reality

Healthcare: Healthcare equipment, Analysis, test equipment

Nursing care equipment: Nursing care equipment

Home: Major home appliances, Office equipment

Automotive: Navigation/audio systems, HVAC

■ Product List

Products No.	Control part orientation	Travel (mm)	Linearity guarantee range	Linearity	Total resistance	Operating life (cycles)	Dimensions (mm)	Automotive	Drawing No.
RDC1010A12	Vertical	10	9.2mm	$\pm 0.5\%$	10k Ω	50,000	6.5×17.3×2.1	—	1
RDC1014A09	Vertical	14	12mm	$\pm 0.5\%$	10k Ω	200,000	6.9×23.5×2.9	●	2
RDC1022A05	Vertical	22	20mm	$\pm 0.5\%$	10k Ω	200,000	6.9×31.5×2.9	●	
RDC10320RB	Vertical	32	30mm	$\pm 0.5\%$	10k Ω	200,000	6.9×41.5×2.9	●	
RDC1047A03	Vertical	47	45mm	$\pm 0.5\%$	10k Ω	200,000	6.9×56.5×3.0	●	
RDC1087A01	Vertical	87	85mm	$\pm 1\%$	10k Ω	100,000	6.9×96.7×3.45	—	3

Note

1. This catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. Please place purchase orders per minimum order unit (integer).
3. RDC1014, RDC1022, RDC1032 and RDC1047 Series are available in different varieties to product line.

■ Packing Specifications

Tray

Products No.	Number of packages(pcs.)		Export package measurements (mm)
	1 case / Japan	1 case / export packing	
RDC1010A12	980	2,940	360×270×230
RDC1014A09	2,400	4,800	508×374×272
RDC1022A05	2,100	4,200	508×374×302
RDC10320RB	900	1,800	540×360×205
RDC1047A03	1,000	2,000	508×374×272
RDC1087A01	540	540	540×360×130

