









Type	Magnetic Rotary Type	Linear Type			
Series	RDCC0	RDC1010	RDC10	※ RD7	
Photo					
Direction of lever	Vertical			Vertical Horizontal	
Effective electrical angle (°)	30	—	—	—	
Linearity guarantee range (°)	±15	—	—	—	
Travel	—	10mm	14mm 22mm 32mm 47mm	8mm 12mm 8mm 9mm 12mm	
Operating temperature range	0°C to +50°C	-30°C to +85°C		-40°C to +105°C	
Operating life	10,000,000 cycles	50,000 cycles	200,000 cycles	100,000 cycles	
Available for automotive use	—	—	●	●	
Life cycle (availability)					
Mechanical performance	Operating force	—	0.25N max.		
	Rotational torque	5mN·m max.	—	—	
Electrical performance	Total resistance tolerance	—	±30%		
	Linearity (%)	±2	±0.5		
	Rated voltage (V DC)	5			12
Environmental performance	Cold	-40°C 240h			-40°C 96h
	Dry heat	85°C 240h	80°C 240h	90°C 240h	105°C 96h
	Damp heat	60°C, 90 to 95%RH 240h			40°C, 90 to 95%RH 96h
Terminal style	Connector	Insertion	Lead terminal/Insertion	Insertion	
Page	460	461		464	

Resistive Position Sensors Measurement and Test Methods	466
Resistive Position Sensors Soldering Conditions	467
Resistive Position Sensors Cautions	468

Notes

1. ※ The RD7 series are used to detect vehicle headlight angles.
2. ● Indicates applicability to all products in the series.

