



【Model No.】	QP-2H	QP-2HC
	<Double Shaft>	<Single Shaft>
<b>Electrical Specifications</b>		
Effective Electrical Travel	±45°	
Output Range	10%~90%Vin	
Independent Linearity	±1.5%FS (FS=90°)	
Input Voltage	DC5V±0.5V	
Load Resistance	10KΩ MIN.	
Supply Current	10mA MAX.	
Insulation Resistance	MIN. 100MΩ/ DC50V	
Temp. Characteristics: -30~+100°C	@ 0° : ±1.5° , @±45°: ±2.5° (Reference Temp: 25°C)	

<b>Mechanical Specifications</b>		
Total Mechanical Travel	360° endless	
Torque	0.05 mN · m MAX.	
Thrust Load Tolerance	1N	
Radial Load Tolerance	3N	
Mass	Approx. 10g	

<b>Environmental Specifications</b>		
Category Temperature Range	-30 ~ +100 °C	
Storage Temperature Range	-30 ~ +100 °C	

#### ■ Accessories

M9 nut

Inner tooth lock washer      1 piece each

#### ■ Handling Instruction

- Do not use Hall-IC sensor as a variable resistor.
- This product may be influenced from external magnetic field.
- Use this sensor in the place where is protected from ESD.