

Integrated module, sensor, encoder, potentiometer, switch customization manufacturer.

## MODEL:WET22P1-SOC



### Feature:

- Non-contact Digital Potentiometer.
- High precision, long lifespan.
- Arbitrary electrical angle selection, customizable.
- Outlet method: Side-exposed leads.

## Standard Dimensions

## Electrical Connection

Outlet Name	Outlet Connection
Yellow line (+)	Power Supply +: 5.0V DC
Red line (-)	Power Supply -: 0V DC
Black line (OUT)	Voltage output terminal: 0 - 5.0V DC

## General Specifications

General Parameters			
Mechanical Travel	360° (endless)	Mechanical life	Theoretically infinite
Working temperature	-55°C~+125°C	Weight	About 15g
Storage temperature	-55°C~+125°C	Shell	Black Plastic
Rotational torque	<5mN·m	Shaft	Stainless iron

Electrical Performance			
Electrical angle	360°	Working voltage	5.0V DC
Independent linear tolerance	Standard grade: 0.3%; Precision grade: 0.2%; Ultra-precision grade: 0.1%	Output signal	0-5.0V DC
Resolution	4096 (12 bits)	Maximum working current	<10mA
Start-end output deviation	<10mV	Load resistance	>10KΩ

## Optional Features

Electrical Part	
Output range	Standard output: 0 ~100% (customizable)
Output direction	Standard for clockwise signal output, can also be set to counterclockwise signal output.
Other output methods	Current such as: 4-20mA output, PWM output, etc.

Special shaft type	Special shaft lengths, special shaft diameters, or special processing on the shaft can be provided according to customer requirements.
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