

Contactless Digitized Potentiometer

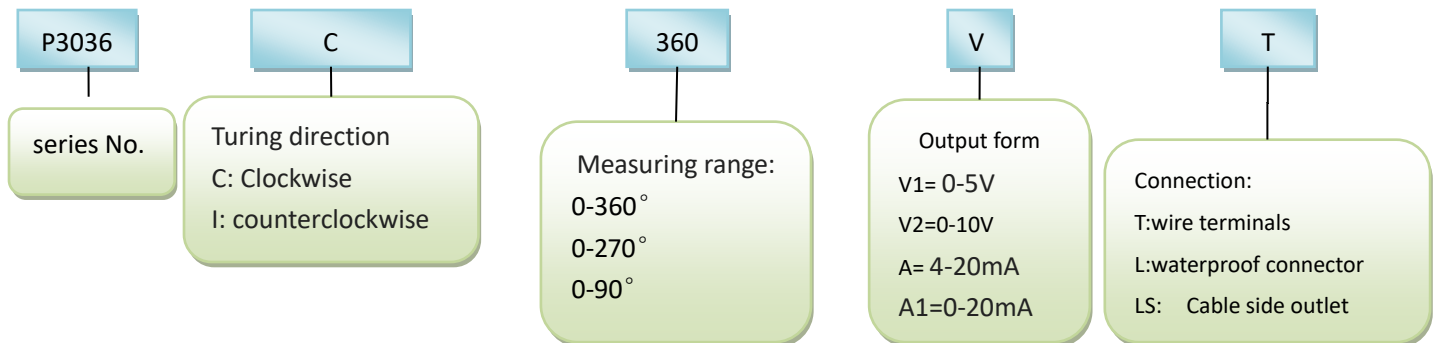
P3036

Standard Dimension:

- Maximum outer diameter 36.5mm
- The whole point of 360 ° no dead Measurement
- Linearity is 0.3% F.S.
- Output signal 4-20mA, 0-5V DC or 0-10V DC
- Supply voltage 24V DC
- Mechanical theory of infinite life
- Small rotary damper
- Easy to install

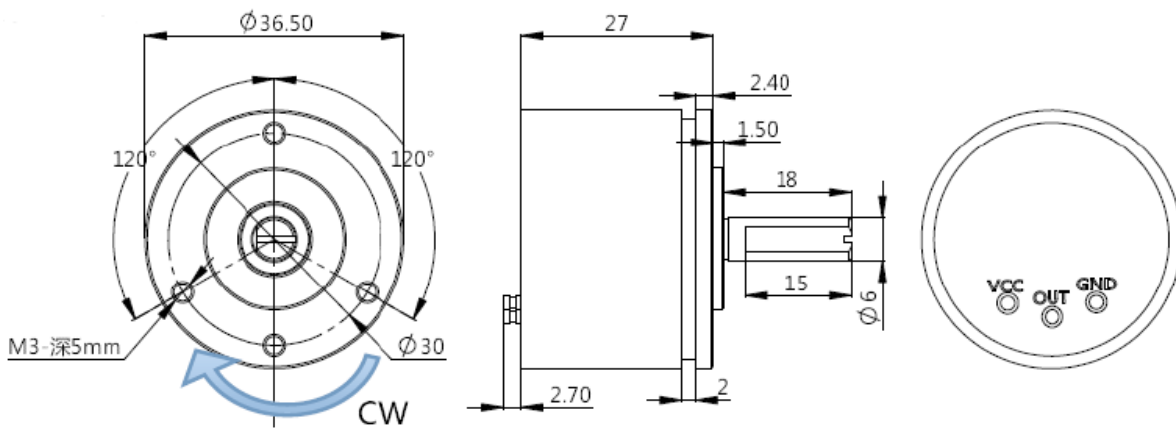


● Model

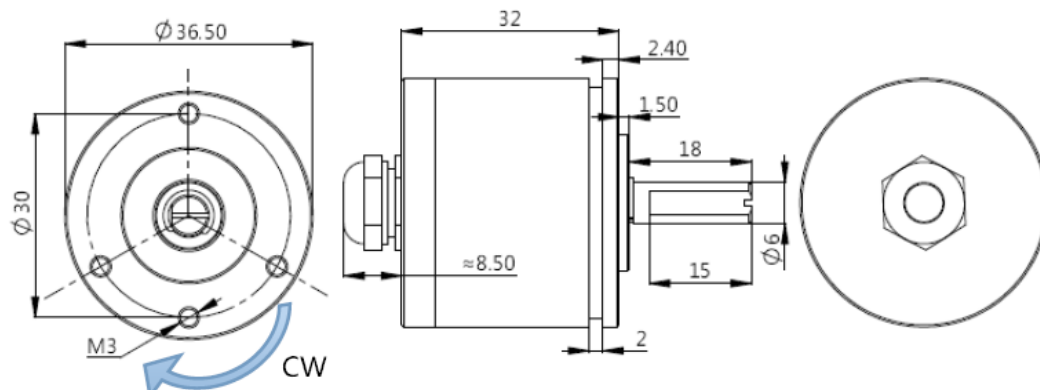


● Dimensions

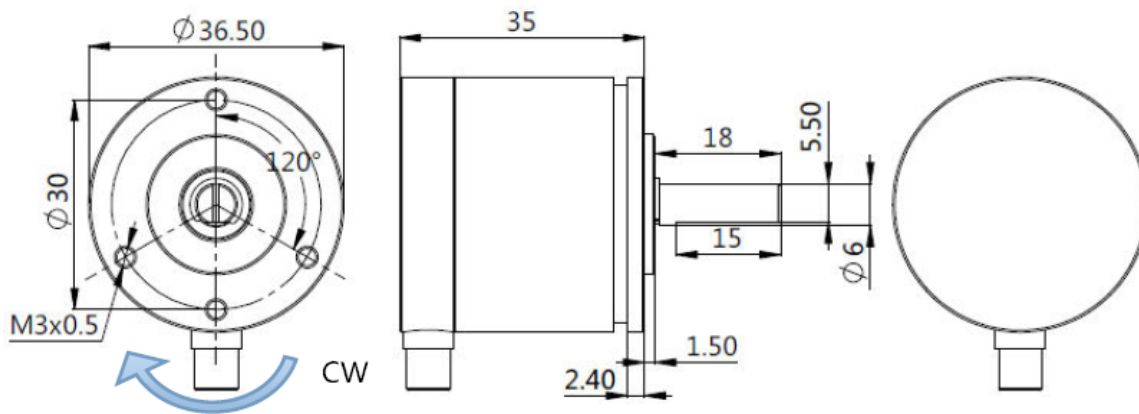
T:wire terminals



L:waterproof connector



LS: Cable side outlet



● General Specifications

Mechanical Travel	360° (Endless)	Life Expectancy	Infinity(in theory)
Operating Temperature Range	-30℃~+80℃	Mass	About 100g
Deposited Temperature Range	-30℃~+80℃	Housing	Aluminium, anodization in surface
Protection Degree	IP65	Shaft	Stainless Steel
Starting Torque	<1mN · m	Bearing	2 precision ball bearings

● Electrical Specifications

Effective Electrical Angle	360°			
Independent Linearity Tolerance	0.3%			
Resolution Ratio	4096bits(12bits)			
Update Rate	0.6ms/0.2ms(high speed)			
Supply Voltage	5V±10%	15~30V	12~24V	15~30V
Signal Output	0~5V(ratio)	0~10V	0~5V	4~20mA
Supply Current(MAX)	<16mA	<25mA	<25mA	<35mA
End Voltage	<1% · VCC	<50mV	<50mV	<0.05mA
Output Load Resistance	>10K Ω	>10K Ω	>10K Ω	<600 Ω

● wire connections:

Terminal or wires name	VCC/Brown cable	OUT/Black cable	GND/Blue
0-5V or 0-10V output	VCC	VOLT out	GND
4-20mA output	VCC	4-20mA out	GND

*If you have other requirement for special specifications (such as digital signal), please feel free to contact with us.