

RF28 Series Reflective Encoders

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Product Description

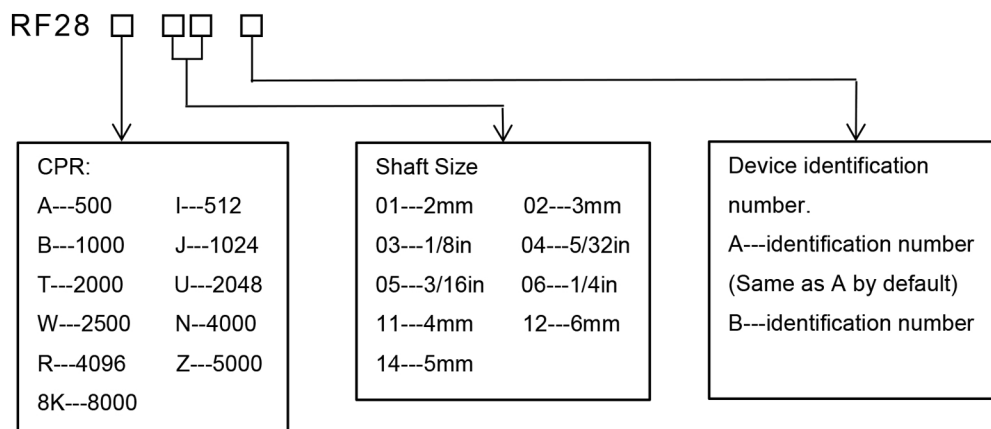
RF28 series reflective encoder with PCBA and integrated housing design, with code disc, can output three channels of differential signals ranging from 500~4096CPR.

Z signal can be selected from 90°, 180° and 360°, without special instructions, the standard product is 90°.

This product is suitable for small size DC motor, stepping motor and servo motor.



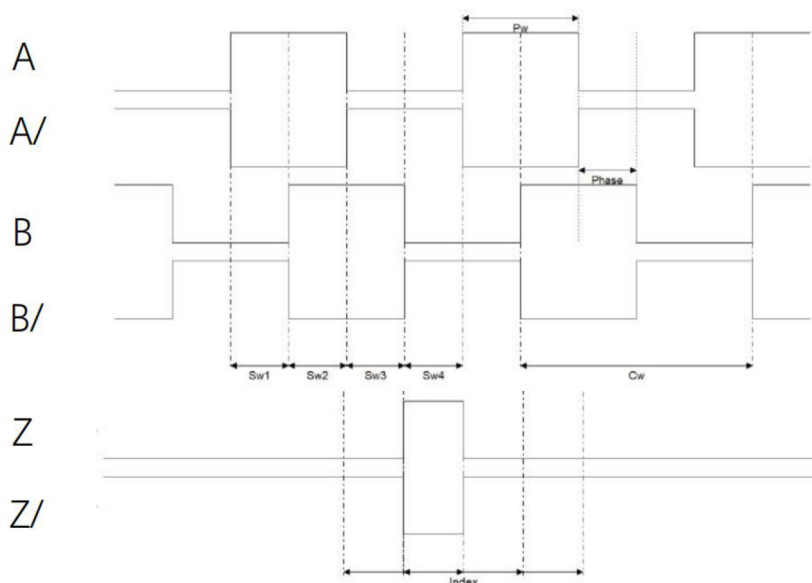
Product Model



Technical indicators

Supply voltage	3V-5V
Maximum speed	11000 RPM
Output Method	A、A/、B、B/、Z、Z/
Operating Temperature	-40 °C ~+85 °C

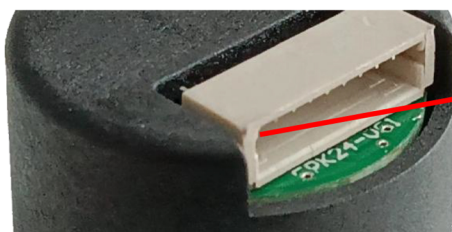
Waveform Diagram



Waveform When Rotating Counterclockwise, Viewed From the Encoder Toward the Motor Body

Pin Definition

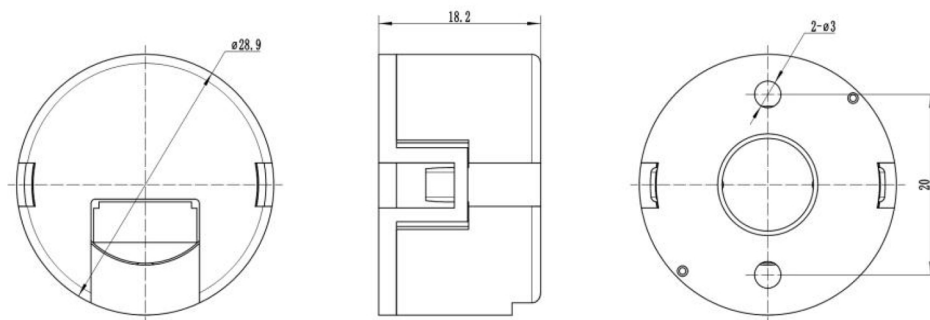
Line Number	1	2	3	4	5	6	7	8	9
Identification number A defines	Vcc	Gnd	A	A/	Z	Z/	N.C.	B	B/
Identification number B defines	Vcc	Gnd	A	A/	B	B/	Z	Z/	N.C.



Line number 1

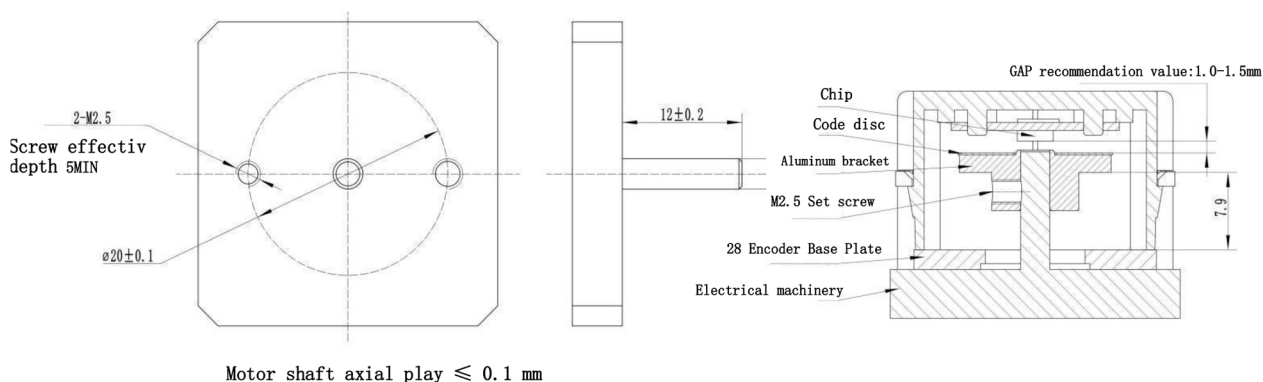
Plug Recommended
Model: SHR-09V-S

Mechanical Dimension Drawing



Unit: mm

Dimensions Of Motor End Face and outgoing shaft length



Model Print

