

# MAGNETIC ENCODER

## MR22-12IIA

### SPECIFICATION



## FEATURES

Magnetic incremental encoder

Differential ABZ output

4096PPR per channel

RS422 compliant

Low cost

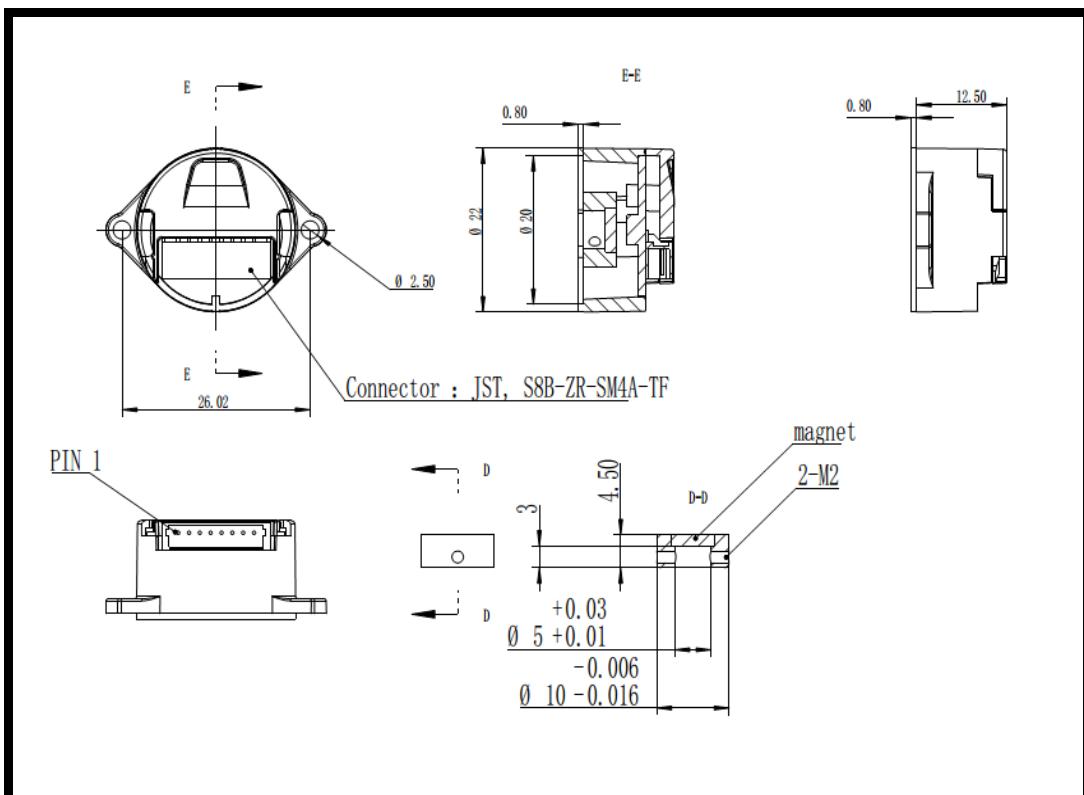


## APPLICATION

Closed-loop control

Servo control

Robots



# SPECIFICATIONS

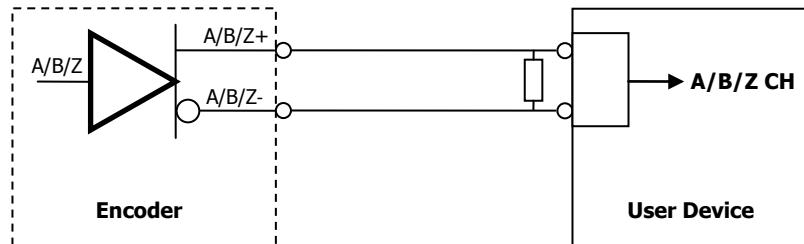
Electrical Spec.	
<b>Resolution</b>	4096PPR (per channel)
<b>Output</b>	ABZ
<b>Rated Voltage</b>	5.0VDC ± 0.25V
<b>Current Consumption</b>	60mA
<b>Output Form</b>	Differential , RS422
<b>Maximum Speed</b>	14000 RPM

Mechanical Spec.	
<b>Mass</b>	3.6g
<b>Storage Temp.</b>	-40°C - 150°C
<b>Operating Temp.</b>	-40°C - 85°C

CONNECTION TABLE								
PIN NO.	PIN1	PIN2	PIN3	PIN4	PIN5	PIN6	PIN7	PIN8
Function	5V	A+	A-	B+	B-	Z+	Z-	GND
Remark	Power	Differential ABZ , RS422						

## RECEIVING AND TRANSMITTING INTERFACE

Differential signal(RS-422):



ABZ output phase shift:

