

Incremental Photoencoders

E-2028-050 (500P/R)

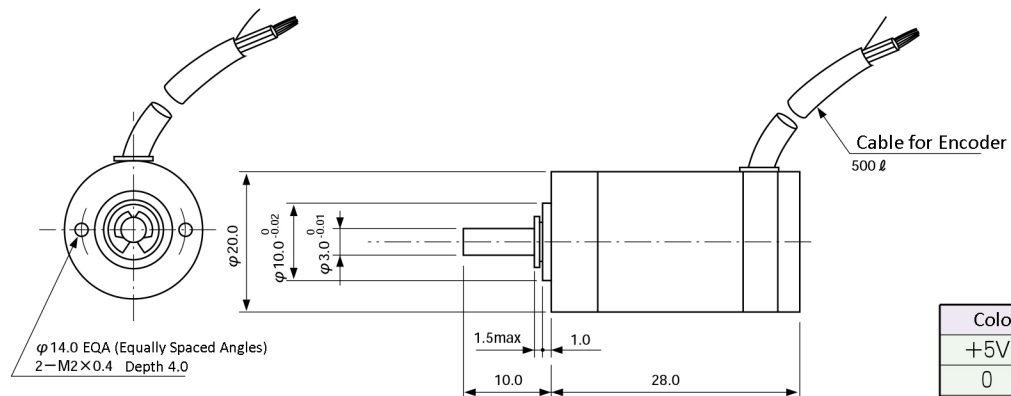
E-2028-100 (1000P/R)

$\Phi 20$ Outer Diameter



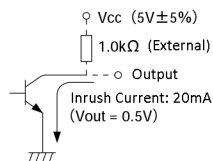
- Ultra-small and ultralight weight
- High resolution 500P/R and 1,000P/R with three (3) channels.
- Open Collector Output
- Best suited for high-accuracy positioning application such as measuring equipment.

Dimensional Outline

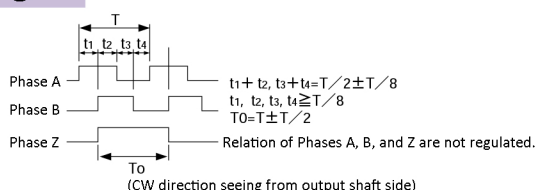


Colors of Wire	
+5V	Red
0	Black
A	Green
B	Yellow
Z	White

Output Part



Output Signal



- Please contact our Sales representatives if desire to use other numbers of pulses.

Specifications

Encoder Type	Incremental Photoencoder
Power Source Voltage	5V ± 5%
No. of Output Pulse	500P/R, 1000P/R
Numbers of Channels	3 channels
Consumption Current	60mA or less
Output Circuit	Open Collector Output
Output Voltage	V _H 4.0V (2KΩ) V _L 0.5V
Sink Current	20mA
Startup Time	1 μs or less
Shutdown Time	1 μs or less
Maximum Response Frequency	100KHz
Light Emitter	LED
Photo Detector	Photodiode Array
Ambient Temperature	0°C to 70°C
Storage Temperature	-10°C to 85°C