

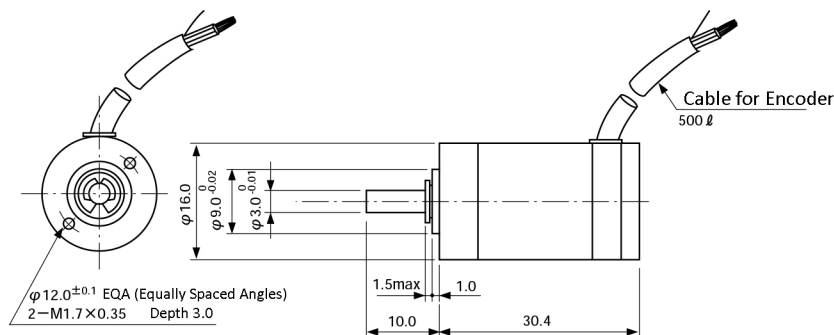
Incremental Photoencoders

E-1630-040 (400P/R) E-1630-100 (1000P/R) $\Phi 16$ Outer Diameter



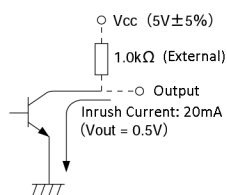
- Ultra-small and ultralight weight
- High resolution 400P/R and 1,000P/R with three (3) channels.
- Open Collector Output
- Best suited for high-accuracy positioning application such as measuring equipment.

Dimensional Outline

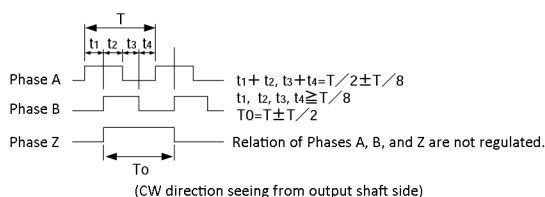


Colors of Wire	
+5V	Red
0	Black
A	Green
B	Yellow
Z	White

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 \pm 5%
No. of Output Pulse	400P/R, 1000P/R
Numbers of Channels	3 channels
Consumption Current	60mA or less
Output Circuit	Open Collector Output
Output Voltage	V_H 4.0V (2K Ω) V_L 0.5V
Sink Current	20mA
Startup Time	1 μ s or less
Shutdown Time	1 μ s or less
Maximum Response Frequency	100KHz
Light Emitter	LED
Photo Detector	Photodiode Array
Ambient Temperature	0 $^{\circ}$ C to 70 $^{\circ}$ C
Storage Temperature	-10 $^{\circ}$ C to 85 $^{\circ}$ C