



EHM-N154

Measuring Wheel Encoder



● Application

- Length Measuring For Industry Machine

● Feature

- Wheel Measuring Sensor
- Mounting Easy
- Meter 、 Yard Wheel Available

● Resolution

Type	Resolution (Meter or Yard)	Output Signal
A1	1	Single Direction
A2	0.1	
A3	0.01	
A4	0.001	
AB2	0.1	Bi-Direction
AB3	0.01	
AB4	0.001	
AB4P2	0.0005	
AB4P5	0.0002	

● Wheel Circle Length

Meter Wheel	0.3 Meter \pm 0.1%
Yard Wheel	0.3 Yard \pm 0.1%

● Connection

Red	Black	White	Green	Shield
Vcc	Gnd	A	B	

● Mechanical Spec

Max. Measuring Speed	120 M/min
Net Weight	700g

● Electrical Spec

Detection System	Incremental
Power Source	DC 8 ~ 24V
Current Consumption	60 mA or below
Response Frequency	30 KHz
Output Voltag	VoH: Vcc - 2V, VoL: 0.5V Max
Output Phase	A A, B
Output Waveform	
Output Mode	Push pull

● Environmental Spec

Operating Temp.	-20 ~ +85°C
Storage Temp.	-20 ~ +85°C
Operating Humidity	RH 85% max non-collecting
Shock	490 m/s ² , 3Dx2 times
Vibration	0.6mm, 10~55KHz, 3Dx30min.
Protection	IP 54

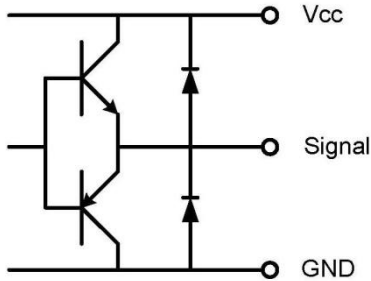


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● Output Circuit

Push pull



● Ordering Information

EHM - XXX - X XXX - X

Resolution	
A1	1
A2	0.1
A3	0.01
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AB2	0.1
AB3	0.01
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AB4P2	0.0002

Wheel Type	
M	Meter
Y	Yard
	None

Cable Length	
020	2M

Cable Type	
C	Cable

● Mechanical Drawing

