



## Electrical

Detection System	Incremental
Power Source	DC 8 ~ 24V
Current Consumption	40 mA or below
Response Frequency	20 KHz
Output Voltag	VoH: Vcc – 0.7V, VoL: 0.5V
Output Phase	A A, B
Output Wave Form	
Output Mode	Voltage

## Connection

Red	Black	White
+	-	A
Green	Shield	
B		

## Wheel Circle Length

Meter Wheel	0.2 Meter ± 0.1%
Yard Wheel	0.2 Yard ± 0.1%

## Application

- Length Measuring For Industry Machine

## Feature

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

## Resolution

Type	Resolution (Meter or Yard)	Output Signal
EHM'S'-AB2	0.1	Bi-Direction
EHM'S'-AB3	0.01	
EHM'S'-AB4	0.001	
EHM'S'-AS	0.1/min	Linear Speed

## Mechanical Spec.

Max. Measuring Speed.	120 M/min
Net Weight.	380g

## Environmental Spec.

Operating Temp.	-10 ~ +70°C
Storage Temp.	-20 ~ +80°C
Operating Humidity	RH 85% max non-collecting
Shock	490 m/s <sup>2</sup> , 3Dx2 times
Vibration	0.6mm, 10~55KHz, 3Dx30min.
Protection	IP 54



# EHM'S'

Measuring Wheel Encoder

## Ordering Information

**E H M 'S' - [ ] [ ] [ ] - [ ] [ ] 0 5 0**

**Resolution**

**AB2:** 0.1Meter  
**AB3:** 0.01Meter  
**AB4:** 0.001Meter  
**AS:** 0.1/min

**Unit**

**M:** Meter  
**Y:** Yard  
: none

**Wire Type**

**C:** cable  
**S:** Stranded

## Mechanical Drawing

Unit: mm

