



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 ² , 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

