



HM

Measuring Wheel Encoder



Electrical Spec. 电气规格

Detection System 编码器类型	Incremental 增量型
Power Source 电源电压	DC 8 ~ 24V
Current Consumption 消耗电流	40 mA or below
Response Frequency 响应频率	20 KHz
Output Voltage 输出电压	VoH: Vcc - 0.7V, VoL: 0.5V
Output Phase 输出相位	A A, B
Output Wave Form 输出波形	
Output Mode 输出型态	Voltage

Connection 接线方式

Red	Black	White
+	-	A
Green	Shield	
B		

Wheel Circle Length 轮周长

Meter Wheel 米轮	0.3 Meter ± 0.1%
Yard Wheel 码轮	0.3 Yard ± 0.1%

Application 应用

- Length Measuring For Industry Machine
产业机器长度量测

Feature 特点

- Wheel Measuring Sensor 码轮型传感器
- Mounting Easy 安装容易
- Meter、Yard Wheel Available
米、码轮可选用

Resolution 分辨率

Type 型号	Resolution (Meter or Yard) 输出单位 (可选用米、码轮)	Output Signal 输出信号
HM-AB2	0.1	Bi-Direction
HM-AB4	0.001	双向使用

Mechanical Spec. 机械规格

Max. Measuring Speed. 最大速度	360 M/min
Net Weight. 净重	500g

Environmental Spec. 环境条件

Operating Temp. 操作温度	-10 ~ +70°C
Storage Temp. 保存温度	-20 ~ +80°C
Operating Humidity 操作湿度	RH 85% max non-collecting
Shock 冲击	490 m/s ² , 3Dx2 times
Vibration 震动	0.6mm, 10~55KHz, 3Dx30min.
Protection 防护等级	IP 54



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Ordering Information 訂購資訊

HM - XXX - X X - 015

解析度(Resolution)	
AB2:0.1Meter	
AB4:0.001Meter	

线材长度(Cable Length)	
015	1.5M

单位(Unit)	
M	Meter
Y	Yard
	NONE

电纜线(Cable)	
C	Cable

Mechanical Drawing 外型尺寸

Unit: mm

