

CBM 磁编码器和编码器电机 Magnetic Encoder Planetart Gear Motor

● 产品说明 Product description

在直流电机的尾部可以配置旋转式磁编码器。

磁编码器是速度、角度、位置检测的数字式传感器。磁编码器在强磁性材料表面上记录了若干个等间隔的磁极作为刻度标尺，标尺旁边相对放置了霍尔元件，能检测出磁通的变化，再通过信号转换，处理成为方波电信号输出。

输出方波分为单通道和双通道。双通道能够检测双向的信号，即能够实施正、反转两个方向的控制。

旋转式磁编码器具有转速高、响应快、防尘、防油、抗震动等特点，成本低、安装调试方便、抗干扰能力强，适合长线输出。

Rotary Magnetic Encoders can be equipped at the end of DC motors.

Magnetic encoders are digital sensors testing the speed, angle and location. Several equi-spaced magnetic poles as level scales are recorded on the surface of strong magnetic materials. And beside the level scales are hall elements, which can detect the changes of magnetic flow, and by signal transmission, outputting in a form of square wave.

Square wave output has two forms: single channel and two channels. Two channels can detect tow-way signals. That is , it can control two directions(CW and CCW).

Rotary Magnetic Encoders have the following features: high speed, fast respond, dustproof, oil-proof, anti-vibration, low cost, easy and convenient for installation and debugging, strong anti-interference capability, suitable to long-line output.

32JXE30K/28ZY47P-2460-CBM28/3

型号: CBM28/3

输出特性: 2 通道, 双向控制, 直流电机旋转一周输出 3 个脉冲 (PPR)。

编码器连接线: 扁平电缆线, 长度 250mm

Type: CBM28/3

Output Performance: Two Channels, Two Directions Control, 3 PPR per Rotation to DC motor.

Wiring Instruction: Flat Cable, 250mm Length



36JXE30K/36ZY50-2442-CBM36/4

型号: CBM36/4

输出特性: 2 通道, 双向控制, 直流电机旋转一周输出 4 个脉冲 (PPR)。

编码器连接线: 扁平电缆线, 长度 350mm

Type: CBM36/4

Output Performance: Two Channels, Two Directions Control, 4 PPR per Rotation to DC motor.

Wiring Instruction: Flat Cable, 350mm Length



42JXE100K/42ZY75-2440-CBM40/8

型号: CBM40/8

输出特性: 2 通道, 双向控制, 直流电机旋转一周输出 8 个脉冲 (PPR)。

编码器连接线: 电机引出线, 长度 350mm

Type: CBM40/8

Output Performance: Two Channels, Two Directions Control, 8 PPR per Rotation to DC motor.

Wiring Instruction: Flat Cable, 350mm Length

