

产品概述/Product Description

ABE 系列工业编码器以无接触方式运行，采用磁感应原理，所有的编码器都不会出现磨损现象。粉尘和冷凝液不会影响编码器的可靠运行。具有极佳的抗冲击和抗振动能力，使用寿命长。该产品具备以下优点：高精度、高可靠、跟踪速度快；非接触式无磨损运行；耐高温，防水、防尘及腐蚀性气体；抗振动、冲击，抗电磁干扰。

ABE series industrial encoders operate in a contactless way, using the principle of magnetic induction, all encoders will not appear wear phenomenon.Dust and condensate will not affect the reliable operation of the encoder.With excellent impact and vibration resistance, long service life.The product has the following advantages: high precision, high reliability, fast tracking speed; Non-contact no wear operation; High temperature resistance, waterproof, dustproof and corrosive gas; Anti vibration, shock, anti electromagnetic interference.



产品特点 Product Features

- 多样化输出、连接方式/Diversify output and connection modes
- 无接触磁感应技术，高可靠性，长寿命/ Non-contact magnetic induction technology, high reliability, long life
- 持续性数据输出，支持掉电记忆/ Continuous data output, support power failure memory
- 更高的精确度，单圈分辨可设置为 65536/Higher accuracy, single turn resolution can be set to 65536
- 采用 CIA 框架下的 CANopen 通讯协议，系统兼容性强/CANopen communication protocol under CIA framework is adopted, with strong system compatibility

技术参数 Technical Parameter

机械参数/mechanical parameter

描述/Description	技术参数/technical parameters
最高速度/maximum speed	5000 rpm
工作温度/operating temperature	-40~ +85℃

储存温度/storage temperature	-40~+85℃
振动/vibrational frequency	30g ,10-2000Hz
冲击/Impact resistance class	500g ,1ms
防护等级/protection level	IP67

电气参数/electric parameter

描述/Description	技术参数/technical parameters
供电范围/power supply range	10~30DVC
工作电流/working current	18mA
输出信号/output signal	CANopen
单/多圈分辨率 Single&multiturn resolution	14/16 位
精度/precision	±0.2° (-40~+85℃)
EMC 抗干扰/EMC anti-interference	DIN EN 61000-6-2
EMC 发射干扰/EMC emission interference	DIN EN 61000-6-4

产品安装 Product Installation

