



KTD-BC00B-1617-W0AM-JAQ



产品描述

POSITAL IXARC 多圈 KIT编码器 BiSS C with Preset 接口, 实心轴 结构.

接口

接口	BiSS C with Preset
手动功能	Preset via cable or connector
接口周期时间	$\geq 50 \mu s$
诊断	Error and Warning Bits, Register Values
编程功能	Via config pin: Wiegand sensor test, preset value and multiturn reinitialization, resolution programmable
Housing Remark	向后兼容 KCD

输出

输出驱动器	RS422
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接口

PCB Connector, male, JST-GH

电气数据

电源电压	4.75 - 15 VDC
功耗	Typical 32 mA, max 35 mA @5V DC
功耗	≤ 0.3 W
启动时间	< 100 ms
时钟输入	RS422
时钟速度	80 kHz - 10 MHz
反极性保护	是
短路保护	是
EMC:发射干扰	The kit encoder is a sub-assembly and not to be considered an independent system. Therefore, compliance with CE requirements has to be ensured by the integrator for the overall set-up.
允许最高转速	12000 1/min
EMC:抗干扰	The kit encoder is a sub-assembly and not to be considered an independent system. Therefore, compliance with CE requirements has to be ensured by the integrator for the overall set-up.
MTTF	20 years @ 105 °C

传感器

技术	Magnetic TMR
单圈分辨率	Pre-programmed 17 bit

分辨率 多圈	Pre-programmed 16 bit
精度 (INL)	$\pm 0.0878^\circ$ (≤ 12 bit) measured after calibration at room temp.
认证 认证/寿命 码制 码	二进制码

环境规格

外壳防护等级 (外壳)	IP30
Min Temperature	- 40 °C (- 40 °F)
Max Temperature	+105 °C (221 °F)

机械数据

顶部屏蔽	预装
外壳材料	钢
外壳涂层	e-coating (KTL) + Powder coating
轴类型	实心轴
轴的材料	Stainless Steel V4A (1.4404, 316L)
轴紧固选项	轴上外螺纹
耐冲击性	≤ 200 g (half sine 6 ms, EN 60068-2-27)
持久的抗冲击性	≤ 20 g (half sine 16 ms, EN 60068-2-29)
耐振动性	≤ 30 g (10 Hz - 1000 Hz, EN 60068-2-6)

电气连接

Approval

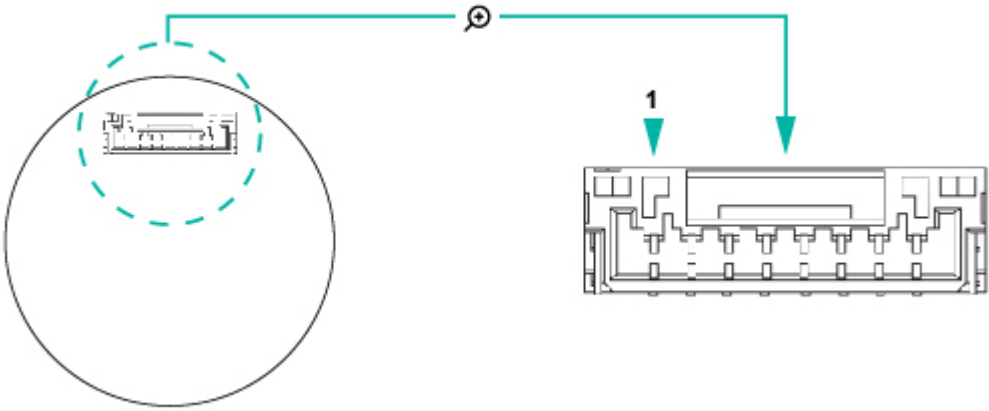
No CE

产品生命周期信息

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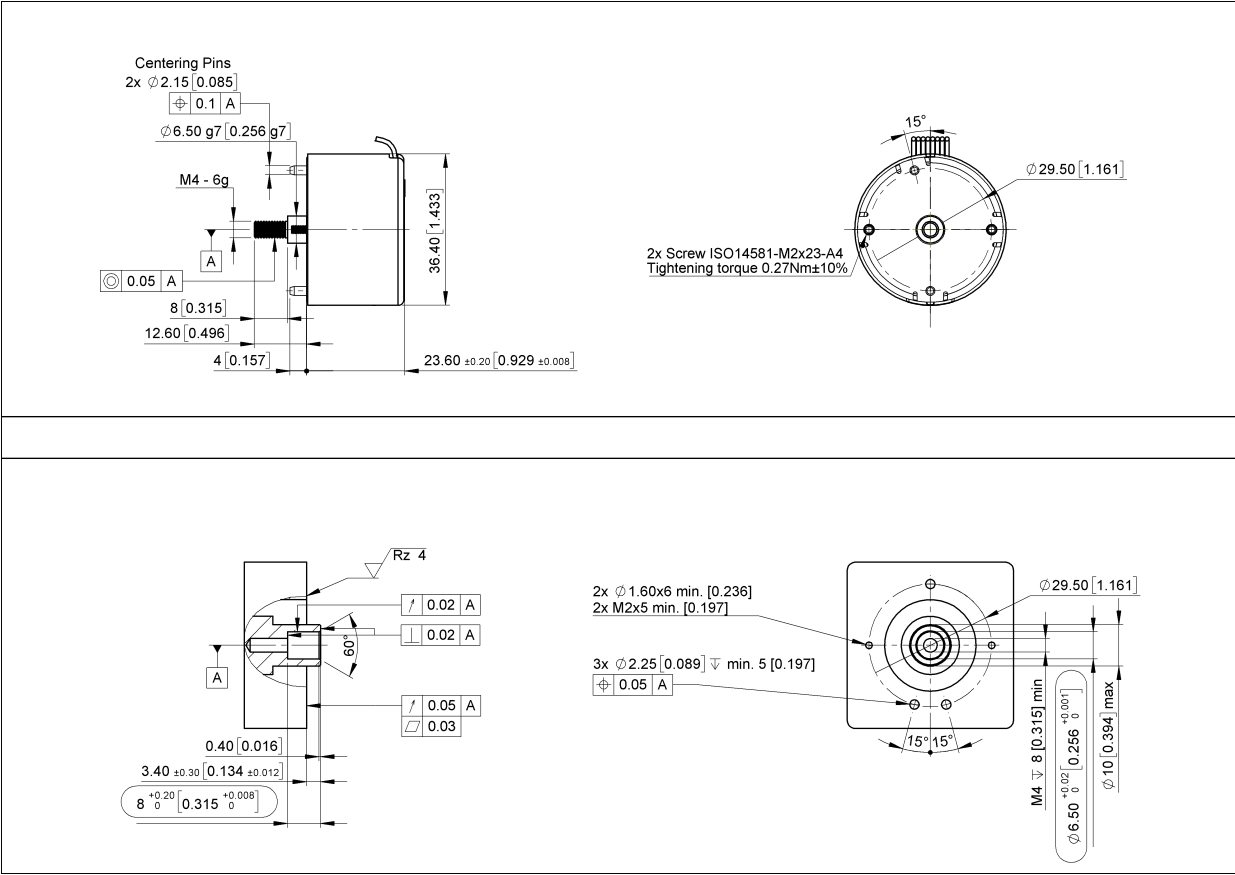
新产品

连接计划



信号	引脚编号
GND	1
Preset	2
Config	3
Data+	4
Data-	5
Clock-	6
Clock+	7
Power Supply	8

尺寸图



Online Datasheet

