



KCD-S133B-1617-JE3F-GRQ



产品描述

POSITAL IXARC 多圈 KIT编码器 SSI 接口, 盲孔 结构.

接口		✓
接口	SSI	
手动功能	Preset via cable or connector	
接口周期时间	$\geq 50 \mu s$	
SSI Format	00000000MMMMMMMMMMMMMMMMSSSSSSSSSSSSSS	
诊断	Error and Warning Bits, Register Values	
编程功能	Via config pin: calibration, WIEGAND sensor test, filter selection, preset value, temperature	
Interface Remark	Version 33: μC STM32G4	

输出 ✓	
输出驱动器	RS422
接口	BM08B-NSHSS-TBT (JST)

电气数据 ✓	
电源电压	4.5 - 5.5 VDC
功耗	Typical 90 mA @5V
功耗	≤ 0.7 W
启动时间	< 100 ms
时钟输入	RS422
时钟速度	300 kHz - 1 MHz
反极性保护	没有
短路保护	没有
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

磁性

单圈分辨率

17 bit

分辨率 多圈

16 位

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)

IP10

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

阴极防腐蚀防护 (> 720小时耐盐雾测试)

轴类型

盲孔

Kit Shaft Dimension

3 mm

轴的材料

Brass

轴紧固选项

轴上顶丝

重量

30 g (0.07 lb)

转子转动惯量

$\leq 2 \text{ gcm}^2 [\leq 0.01 \text{ oz-in}^2]$

耐冲击性

$\leq 200 \text{ g}$ (half sine 6 ms, EN 60068-2-27)

持久的抗冲击性

$\leq 20 \text{ g}$ (half sine 16 ms, EN 60068-2-29)

耐振动性

$\leq 30 \text{ g}$ (10 Hz - 1000 Hz, EN 60068-2-6)

电气连接



Approval

No CE

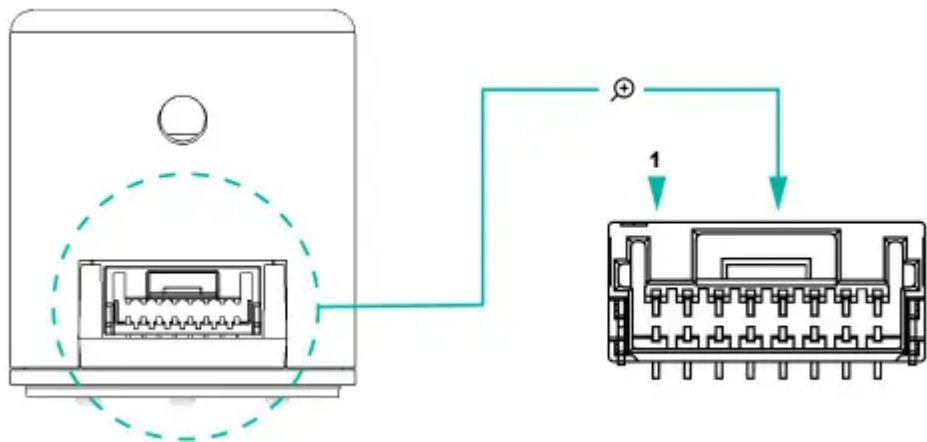
产品生命周期信息



产品生命周期信息

即将停产

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

Technical drawing of a 3-ported pressure washer lance head, showing three views: front, top, and side.

Front View (Top Left): Shows the circular head with three ports (1, 2, 3) and a central trigger gun (4). Dimensions include 6.30, 20.35, 20.75, 14, 3 x 120°, and 22.

Top View (Bottom Left): Shows the head's profile with dimensions 10, 22, and 14.40. It includes a note: 3 x Ø 1.25 ∇ 4.25 min. M1.6 - 6H ∇ 3.20 min.

Side View (Right): Shows the internal structure and dimensions 2.22, 4.40, 14.40, 20, 17.80 H8, 7.40, 3 H7, 4.60 min., 10, 3, 9.50, 9.80 $\pm$ 0.20, 22.59 $\pm$ 0.20, 1 $\pm$ 0.05, 0.80, and DIN 509 - F 1x0.2.

Option C (Bottom Right): Shows a detailed view of the head with dimensions 1 $\pm$ 0.10, 0, 0.05 A, 0.03, 0.02 A, 0.08 B, 11, 5.60 $\pm$ 0.30, 17.80 g8, 20.50 $\pm$ 0.10, 0, and 22.

Online Datasheet

