

RN22 active barrier, power supply, analog signal doubler

Intrinsically safe 24 V_{DC} compact interface module for use in hazardous areas, SIL systems



优势:

- Intrinsically safe interface device suited for use in safety instrumented systems up to SIL 2 (SC 3) in accordance with IEC 61508
- Quick and easy wiring with screw or push-in terminals or power supply via power rail T-connector
- Easy access to frontside HART® connection taps
- Compact housing: up to two channels on 12.5 mm (0.49 in) for efficient use of space in control cabinets

产品规格参数

- **输入** 0/4...20 mA / HART feeding/not feeding
- **输出** 0/4...20 mA / HART active/passive
- **电源** 24 V DC

详细信息和最新价格参见:

www.endress.com.cn/RN22

应用领域: The 1- or 2-channel RN22 active barrier powers analog instrument loops and **safety instrumented systems** up to SIL 2 (SC 3). The intrinsically safe, **HART®** transparent interface establishes a reliable link between field devices and process control. It interfaces with 2-/4-wire devices in hazardous areas and provides a second galvanically isolated signal output acc. to **NAMUR NE 175**. This opens a second channel for the process optimization domain without affecting the traditional automation system.

特征和规格

电源和安全栅

测量原理

有源安全栅

测量原理

Active barrier

功能

1-channel
2-channel
Signal doubler

回路供电

17,5 V \pm 1 V bei 20 mA open circuit
voltage: 24,5 V \pm 5 %

电源

24 V DC

输入

0/4...20 mA / HART
feeding/not feeding

输出

0/4...20 mA / HART
active/passive

证书

ATEX
IECEX
DNV
Non-hazardous area + EAC
marking

SIL

SIL 2 SC 3

操作

HART

更多信息 www.endress.com.cn/RN22