

RNO22 output amplifier

Safe and reliable control of active components



More information and current pricing:

www.us.endress.com/RNO22

Benefits:

- Safe and reliable control of active components in hazardous areas
- Quick and easy wiring and commissioning: plug-in terminals, power supply via DIN rail bus connector
- Compact housing: up to 2 channels on 12.5 mm (0.49 in) for efficient use of space in control cabinets
- Accurate and reliable signal transmission
- Line break and short-circuit monitoring

Specs at a glance

- **Input** 0/4...20 mA / HART passive
- **Output** 0/4...20 mA / HART active
- **Power Supply** 24 V DC

Field of application: The RNO22 output isolating amplifier is used to safely control active components such as control valves, actuators, I/P converters or indicators. The intrinsically safe device separates and transmits analog 0/4 to 20 mA signals and offers bidirectional **HART®** transparency for digital communication with smart actuators. The compact interface device with up to two galvanically isolated channels enables open- and short-circuit monitoring for reliable operation of critical equipment.

Features and specifications

Power supplies & barrier

Measuring principle

Active barrier

Measuring principle

Output isolating amplifier

Power supplies & barrier

Function

1-channel
2-channel

Power Supply

24 V DC

Input

0/4...20 mA / HART
passive

Output

0/4...20 mA / HART
active

Certificates

ATEX
IECEX
DNV

SIL

SIL 2 SC 3

Operation

DIP switch, HART

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