

## RLN22 isolating amplifier

### Safe and reliable switching operations in critical systems



#### Benefits:

- Safe and reliable switching operations: trust your critical applications
- Compact housing: up to 2 channels on 12.5 mm (0.49 in) for efficient use of space in control cabinets
- Installation in hazardous areas; Ex approval for Ex zone 2
- Up to SIL 2 in accordance with IEC 61508
- Quick and easy wiring and commissioning: plug-in terminals, power supply and group error message module via DIN rail bus connector

#### Specs at a glance

- **Input** NAMUR blocking: < 1,2 mA conducting: > 2,1 mA
- **Output** relay contact
- **Power Supply** 24 V DC

from **€63.00**

Price as of 06.12.2021

More information and current pricing:

[www.casc.endress.com/RLN22](http://www.casc.endress.com/RLN22)

**Field of application:** The RLN22 is a compact 1- or 2-channel, 24 V DC isolating amplifier with relay signal output. It is designed to safely operate e.g. proximity sensors or point level switches such as **Liquiphant FTL51B (NAMUR)** as per IEC 60947-5-6. The interface module monitors line faults such as breaks or short-circuits of sensors or mechanical switching contacts. The device is suited for use in hazardous areas and safety instrumented systems up to **SIL 2** in accordance with IEC 61508.

#### Features and specifications

Power supplies & barrier

Measuring principle

Active barrier

**Power supplies & barrier****Measuring principle**

NAMUR isolating amplifier

**Function**

1-channel, changeover contact  
2-channel, normally open contact

**Loop power supply**

8 V DC

**Power Supply**

24 V DC

**Auxiliary power supply / Loop power supply**

8 V DC

**Input**

NAMUR  
blocking: < 1,2 mA  
conducting: > 2,1 mA

**Output**

relay contact

**Certificates**

ATEX  
IECEX  
DNV

**SIL**

SIL 2

**Operation**

DIP switch

More information [www.casc.endress.com/RLN22](http://www.casc.endress.com/RLN22)