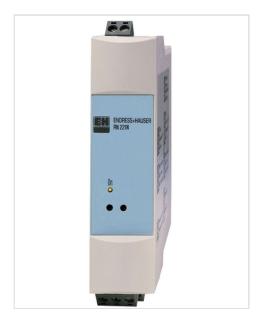
# RN221N

# Active barrier with optional HART® diagnosis

Active barrier with power supply for safe separation of 4...20 mA current circuits



od **119,00**€ Cena na dan 12.05.2021

Več informacij in aktualne cene: www.si.endress.com/RN221N

### Prednosti:

- Wide range power supply, flexible power source
- Compact side by side DIN rail housing
- International Ex approvals; marine approval
- Bidirectional HART® transmission. Communication sockets for HART® sensor setting up. Evaluation of status information from connected transmitter with HART® protocol.
- Primary or secondary master operating mode, automatic selection
- Sensor monitoring with early-warning system
- Manual or automatic reset of the relay contact

### Lastnosti na dlani

- Input 1 x analog 4...20 mA
- Output 1 x analog 4...20 mA
- Power Supply Not defined

**Področje uporabe:** The active barrier RN221N supplies e.g. a transmitter with power, if required also in the Ex-area, and then transmits the galvanically isolated signal. With the optionally available HART® monitoring the status of the transmitter is monitored. If an error arises a relay at the RN221N sends an alarm. The relay has to be actively set back. Thus even just briefly occurring errors can be easily located.

# Lastnosti in specifikacije

## Acquisition / Evaluation

### Merilni princip

Power supply

### **Function**

Active barrier with power supply for safe seperation of 4...20 mA current circuit

### Certification

ATEX II(1)GD(Ex ia)IIC

FM USA IS

FM USA NI

CSA IS

CSA NI

IECEx Ex ia

TIIS Ex ia

GOST Exi

Marine approval

SIL

Hygenic WHG

### Input

1 x analog 4...20 mA

### Output

1 x analog 4...20 mA

### **Relay output**

1 x no contact

## Acquisition / Evaluation

### Auxiliary power supply / Loop power supply

20...250 V DC/AC

### Dimensions (wxhxd)

22.5 x 110 x 112 mm

(0.89" x 4.33" x 4.41")

### Operation

**HART** 

# Power supplies & barrier

### Merilni princip

Active barrier

### Measuring principle

Power supply

### **Function**

Active barrier with power supply for safe seperation of 4...20 mA current circuit

### Loop power supply

20...250 V DC/AC

### **Power Supply**

Not defined

### Auxiliary power supply / Loop power supply

20...250 V DC/AC

### Input

1 x analog 4...20 mA

### Output

1 x analog 4...20 mA

## Power supplies & barrier

### **Software functions**

Not defined

### Certificates

ATEX (Ex ia)

FM AIS

CSA (Ex ia)

IECEx (Ex ia)

NEPSI (Ex ia)

JPN (Ex ia)

Non-hazardous area + EAC marking

EAC (Ex ia)

### SIL

Not defined

### Operation

**HART** 

Več informacij www.si.endress.com/RN221N

