

RN221N

Active barrier with optional HART® diagnosis

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



innen **119,00 EUR**

23.04.2021 -i ár

További információk és az aktuális árak elérhetők:

www.hu.endress.com/RN221N

Előnyök:

- 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

Specifikációk áttekintése

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

Alkalmazási terület: 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.

Tulajdonságok és jellemzők

Power supplies & barrier**Mérési elv**

Active barrier

Measuring principle

Power supply

Function

Active barrier with power supply for safe separation 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

Software functions

Not defined

Power supplies & barrier**Certificates**

Non-hazardous area

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

Acquisition / Evaluation**Mérésiv**

Power supply

Function

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

Acquisition / Evaluation**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 Ex i

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

Auxiliary power supply / Loop power supply

20...250 V DC/AC

Acquisition / Evaluation

Dimensions (wxhxd)

22.5 x 110 x 112 mm

(0.89" x 4.33" x 4.41")

Operation

HART

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