

RN221N

Active barrier with optional HART® diagnosis

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



innen **126,71 EUR**

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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

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

Power supplies & 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

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

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)

Operation

HART

Acquisition / Evaluation**Mérés elv**

Power supply

Acquisition / Evaluation

Function

Active barrier with power supply for safe separation 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 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

Dimensions (wxhxd)

22.5 x 110 x 112 mm

(0.89" x 4.33" x 4.41")

Operation

HART

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