

# RID14

## 8 channel field indicator for fieldbuses

Indication of up to 8 process or calculated values for FOUNDATION Fieldbus™ or PROFIBUS® PA protocol



from **DKK4,371.00**

Price as of 28.11.2022

More information and current pricing:

[www.dk.endress.com/RID14](http://www.dk.endress.com/RID14)

### Benefits:

- Simple and standardized communication via fieldbus protocol
- Listener mode for up to 8 input channels or digital status
- Brilliant, backlit LC display with bar graph, diagnostic symbols and clear text field
- No external power supply required
- International approvals

### Specs at a glance

- **Input** Foundation Fieldbus protocol PROFIBUS PA protocol
- **Output** Not defined
- **Display** High contrast backlit LCD with bargraph TAG/unit
- **Power Supply** Not defined

**Field of application:** The 8 channel indicator shows measured and calculated values and status information of the fieldbus users in a FOUNDATION Fieldbus™ or PROFIBUS® PA network. In the listener mode the device listens to the set fieldbus addresses and indicates their values. In addition, for FOUNDATION Fieldbus™ values available on the bus can be indicated via function block interconnection. A plain text field allows the display of the engineering unit or of the TAG. A bar graph is available for trend visualization.

### Features and specifications

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**Process indicator & control units****Measuring principle**Fieldbus indicators

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**Measuring principle**8 channel field indicator for fieldbuses

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**Function**

Display values

Advanced diagnostic

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**Display**

High contrast backlit LCD with bargraph

TAG/unit

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**Power Supply**Not defined

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**Input**

Foundation Fieldbus protocol

PROFIBUS PA protocol

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**Output**Not defined

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**Output**Not defined

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**Software functions**

Listener Mode

On Foundation Fieldbus also function block connection:

Display transducer block

Advanced diagnostic block

2 x input selector

Arithmetic block

Integrator block

PID block

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Process indicator & control  
units

**Certificates**

ATEX II1G Ex ia IIC T6  
 ATEX II3G Ex ic IIC T6  
 ATEX II2G Ex db IIC T6 Gb  
 ATEX II2D Ex tb IIIC Db  
 ATEX II3G Ex nA IIC T6  
 ATEX II1G Ex ia IIC T4/T5/T6, II2D  
 CSA General Purpose  
 CSA IS, NI I / 1+2/A-D  
 CSA XP,NI,DIP I,II,III/1+2/A-G  
 CSA XP,NI,DIP IS, NI I, II, III/1+2/A-G  
 FM IS,NI I / 1+2/A-D  
 FM XP,NI,DIP I,II,III/1+2/A-G  
 FM XP,NI, DIP IS, NI I, II, III/1+2/A-G  
 IECEx Ex ia IIC T6 Ga  
 IECEx Ex db IIC T6 Gb  
 IECEx Ex tb IIIC Db

**SIL**

Not defined

**Panel mounting**

field

Acquisition / Evaluation

**Measuring principle**

Display

**Function**

Display values  
 Advanced diagnostic

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**Acquisition / Evaluation****Certification**

ATEX Ex ia

ATEX Ex d

FM

CSA

IECEX Ex ia

IECEX Ex d

IECEX Ex tD

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**Input**

Foundation Fieldbus protocol

PROFIBUS PA protocol

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**Dimensions (wxhxd)**

Field housing:

132 x 135 x 106 mm

(5.2" x 5.31" x 4.17")

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**Software**

Listener Mode

On Foundation Fieldbus also function block connection:

Display transducer block

Advanced diagnostic block´

2 x input selector

Arithmetic block

Integrator block

PID block

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**Operation**

Foundation Fieldbus: via fieldbus

PROFIBUS PA: DTM and FieldCare or DIP-switches on the device

Write lock on hardware

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**Display**

High contrast backlit LCD with bargraph

TAG/unit

Acquisition / Evaluation

**Operating Voltage**

9-32 V DC, polarity independent

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