

# RID14

## 8 channel field indicator for fieldbuses

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



from **€536.00**

Price as of 02.12.2021

More information and current pricing:

[www.fi.endress.com/RID14](http://www.fi.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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**Acquisition / Evaluation****Measuring principle**Display

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**Function**

Display values

Advanced diagnostic

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**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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## Acquisition / Evaluation

**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

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**Operating Voltage**

9-32 V DC, polarity independent

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## Process indicator &amp; 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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**Process indicator & control units****Output**

Not defined

**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

**Certificates**

ATEX Ex ia

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**SIL**

Not defined

**Panel mounting**

field

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