

# RID14

## 8 channel field indicator for fieldbuses

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



from **SGD1,488.68**

Price as of 21.09.2021

More information and current pricing:

[www.sg.endress.com/RID14](http://www.sg.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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**Process indicator & control units****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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**Certificates**

ATEX Ex ia

ATEX Ex d

FM

CSA

IECEX Ex ia

IECEX Ex d

IECEX Ex tD

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**SIL**Not defined

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Process indicator & control  
units

**Panel mounting**  
field

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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

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IECEX Ex tD

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**Input**  
Foundation Fieldbus protocol

PROFIBUS PA protocol

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

**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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