

## RID16

### 8 channel field indicator for fieldbuses

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



from **SGD1,365.59**

Price as of 21.10.2021

More information and current pricing:

[www.sg.endress.com/RID16](http://www.sg.endress.com/RID16)

#### Benefits:

- Simple and standardized communication via fieldbus protocol
- Listener mode for up to 8 analog channels or digital status
- Brilliant, back lit LC display with bargraph, 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 bargraph 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 Ex ia  
FM  
CSA  
IECEX Ex ia

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**SIL**  
Not defined

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**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  
FM  
CSA  
IECEX Ex ia

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**Input**  
Foundation Fieldbus protocol  
PROFIBUS PA protocol

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**Dimensions (wxhxd)**  
Field housing:  
199 x 133 x 96 mm  
(7.83 x 5.24" x 3.78")

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**Acquisition / Evaluation****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

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**Operating Voltage**

9-32 V DC, polarity independent

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