

## RID16

### 8 channel field indicator for fieldbuses

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



from **€530.00**

Price as of 06.10.2022

More information and current pricing:

[www.at.endress.com/RID16](http://www.at.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

---

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

---

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

---

**Function**

Display values

Advanced diagnostic

---

**Display**

High contrast backlit LCD with bargraph

TAG/unit

---

**Power Supply**Not defined

---

**Input**

Foundation Fieldbus protocol

PROFIBUS PA protocol

---

**Output**Not defined

---

**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

---

---

Process indicator & control  
units

**Certificates**  
ATEX Ex ia  
FM  
CSA  
IECEX Ex ia

---

**SIL**  
Not defined

---

**Panel mounting**  
field

---

Acquisition / Evaluation

**Measuring principle**  
Display

---

**Function**  
Display values  
Advanced diagnostic

---

**Certification**  
ATEX Ex ia  
FM  
CSA  
IECEX Ex ia

---

**Input**  
Foundation Fieldbus protocol  
PROFIBUS PA protocol

---

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

---

## 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

---

### Operation

Foundation Fieldbus: via fieldbus

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

Write lock on hardware

---

### Display

High contrast backlit LCD with bargraph

TAG/unit

---

### Operating Voltage

9-32 V DC, polarity independent

---

More information [www.at.endress.com/RID16](http://www.at.endress.com/RID16)