

RID16

8 channel field indicator for fieldbuses

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



from **CZK15,739.00**

Price as of 28.11.2022

More information and current pricing:

www.cz.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 II2G Ex ia IIC T6
CSA General Purpose
CSA IS, NI I / 1+2/A-D
FM IS, NI I / 1+2/A-D
IECEX Ex ia IIC T6 Gb

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.cz.endress.com/RID16