

# RMA42

## Process transmitter with control unit

Universal transmitter, loop power supply, barrier and limit switch in one device!



od **225,00 €**

Cena na dan 28.05.2022

Več informacij in aktualne cene:

[www.si.endress.com/RMA42](http://www.si.endress.com/RMA42)

### Prednosti:

- SIL 2 approval (optional);  
Marine approval
- 1 or 2 calculated values and linearization table
- Min./max. value saved
- 5-digit 7-segment LC display, backlit
- 1 or 2 universal inputs
- 2 relays (optional)
- Digital status output (Open Collector)

### Lastnosti na dlani

- **Input** 2 x universal (current, voltage, R, RTD, TC, resistance)
- **Output** 2 x Analog (current, voltage)
- **Output** 2 x Analog (current, voltage)
- **Display** LCD 7 segment Multicolour Bargraph TAG unit Colour change in case of failure
- **Power Supply** Not defined

**Področje uporabe:** Analog measured values are indicated, evaluated and calculated by the process transmitter. With the integrated loop power supply two-wire sensors can be powered. The universal inputs enable the connection of current, voltage, RTDs and TCs. Limit values can be monitored and relays can be switched. Via analog outputs process signals can be forwarded. The integrated application package "differential pressure" allows the quick and easy commissioning for differential pressure applications.

### Lastnosti in specifikacije

**Acquisition / Evaluation****Merilni princip**

Process transmitter

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**Function**

Universal process and temperature transmitter with control unit

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**Certification**

ATEX

FM

NEPSI

CSA

CSA GP

UR C/US

Marine approval

KTA

German WHG overfill protection

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**Input**

2 x universal (current, voltage, R, RTD, TC, resistance)

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**Output**

2 x Analog (current, voltage)

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**Relay output**

2 x relay

1 x open collector

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**Auxiliary power supply / Loop power supply**

24 V intrinsically safe loop power supply

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**Dimensions (wxhxd)**

45 x 115 x 118 mm

(1.77" x 4.53" x 4.65")

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**Software**

Internal software for calculations, linearization, limit monitoring

Monitoring of sensor wires according NAMUR NE43

Application package differential pressure measurement

Acquisition / Evaluation

**Operation**

On site via 3 buttons  
PC configuration via FieldCare

**Display**

LCD  
7 segment  
Multicolour  
Bargraph  
TAG unit  
Colour change in case of failure

**Operating Voltage**

20-250V AC/DC wide range power supply

**Number of poles**

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Process transmitter

**Merilni princip**

Process transmitter

**Measuring principle**

Process transmitter

**Function**

Universal process and temperature transmitter with control unit

**Loop power supply**

24 V intrinsically safe loop power supply

**Power Supply**

Not defined

**Input**

2 x universal (current, voltage, R, RTD, TC, resistance)

**Process transmitter****Output**

2 x Analog (current, voltage)

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**Software functions**

Internal software for calculations, linearization, limit monitoring

Monitoring of sensor wires according NAMUR NE43

Application package differential pressure measurement

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**Certificates**

ATEX

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marine approval

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German WHG overflow protection

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**SIL**

2

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**Display**

LCD

7 segment

Multicolour

Bargraph

TAG unit

Colour change in case of failure

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**Interface**

Not defined

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**Dimensions (WxHxD)**

45 x 115 x 118 mm (1.77" x 4.53" x 4.65")

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