

RIA14

Loop-powered field indicator

Excellent readable indication of a 4...20 mA signal on-site for a better process overview!



from **CHF512.00**

Price as of 21.06.2021

More information and current pricing:

www.ch.endress.com/RIA14

Benefits:

- Display of 4 to 20 mA measured values
- 5-digit measured value display with dimension, bar graph and backlight
- No external power supply required
- Versions: Die-cast aluminum housing or stainless steel housing
- Easy 3-key operation; or configuration with FieldCare PC software; or configuration without power supply using setup box
- International approvals; marine approval
- Allows the HART[®] transmission protocol to pass unimpeded

Specs at a glance

- **Input** 1 x analogue 4...20 mA
- **Output** 1 x open collector
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- **Display** LCD 20 mm (0.79") 5-digit Bargraph Plain text display
- **Power Supply** Loop powered

Field of application: The indicator shows the measured signal on the large, backlit display. An additional bar graph gives a quick process overview and a plain text field displays further information like the engineering unit or TAG. Limit value infringements are also signaled and an open collector can be switched. No separate power supply is required, the indicator is powered directly from the 4...20 mA loop. The housing is available in aluminum and in stainless steel as well as with an optional Ex d approval.

Features and specifications

Acquisition / Evaluation

Measuring principleDisplay

FunctionDisplay

Certification

UR C/US

CSA GP

ATEX Ex d

ATEX Staub

ATEX n

FM USA NI

FM USA DIP

FM USA XP

CSA NI

CSA DIP

CSA XP

Marine approval

Input1 x analogue 4...20 mA

Output1 x open collector

Acquisition / Evaluation**Auxiliary power supply / Loop power supply**Loop powered

Dimensions (wxhxd)

Field housing:

132 x 135 x 106 mm

(5.2" x 5.31" x 4.17")

Operation

3 keys interface on electronics + PC interface

FieldCare

Display

LCD 20 mm (0.79")

5-digit

Bargraph

Plain text display

Process indicator & control units**Measuring principle**Loop powered indicators

Measuring principleLoop-powered field indicator

FunctionDisplay

Process indicator & control units**Display**

LCD 20 mm (0.79")

5-digit

Bargraph

Plain text display

Power SupplyLoop powered

Input1 x analogue 4...20 mA

Output1 x open collector

Output1 x open collector

Software functionsNot defined

Process indicator & control
units

Certificates

Non-hazardous area

ATEX

CSA

FM

EAC

IECEX

NEPSI

TIIS

SIL

Not defined

Panel mounting

field

More information www.ch.endress.com/RIA14