

RIA14

Loop-powered field indicator

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



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

from **SGD824.00**

Price as of 21.09.2021

More information and current pricing:

www.sg.endress.com/RIA14

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

Process indicator & control
units

Measuring principle
Loop powered indicators

Measuring principle
Loop-powered field
indicator

Function
Display

Display
LCD 20 mm (0.79")

5-digit

Bargraph

Plain text display

Power Supply
Loop powered

Input
1 x analogue 4...20 mA

Output
1 x open collector

Output
1 x open collector

Software functions
Not defined

Process indicator & control
units

Certificates

Non-hazardous area

ATEX

CSA

FM

EAC

IECEX

NEPSI

TIIS

SIL

Not defined

Panel mounting

field

Acquisition / Evaluation

Measuring principle

Display

Function

Display

Acquisition / Evaluation**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

Input

1 x analogue 4...20 mA

Output

1 x open collector

Auxiliary power supply / Loop power supply

Loop powered

Acquisition / Evaluation

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

More information www.sg.endress.com/RIA14