

RIA15

Loop-powered indicator for 4 to 20 mA or HART signals

For the indication of the 4 to 20 mA signal or the HART® values in the field or in the panel!



from **₹17,157.00**

Price as of 29.05.2024

More information and current pricing:

www.in.endress.com/RIA15

Benefits:

- Display of 4 to 20 mA measured values or optionally up to four of a sensor's HART® process variables in all industries; Use as primary or secondary HART® master
- 5-digit measured value display with 17 mm (0.67") character height with dimension and bargraph; backlight can be activated
- Panel-mount housing (IP65) or field housing (IP66; Ex approval) as local display; Minimal installation depth
- No external power supply required; Voltage drop ≤ 1 V (HART® ≤ 1.9 V)
- Easy 3-key operation for configuring the device
- International approvals; marine approval
- SIL interference freeness acc. to EN 60508

Specs at a glance

- **Input** 1 x analogue 4...20 mA/HART®
- **Output** Not defined
- **Display** LCD 17 mm (0.67") 5-digit 7-segment bargraph Plain text display for unit/TAG Activatable backlight
- **Power Supply** Loop powered

Field of application: The process indicator is available with 4 to 20 mA or with HART® protocol. In the HART® version up to 4 measured values of one sensor can be indicated in alternation. For this the indicator can be set as primary or secondary HART® master and actively inquire the values from the sensor. The small voltage drop of < 1 V (< 1.9 V with HART®) is a huge advantage especially in Ex-applications, where in most cases only a reduced voltage is available.

Features and specifications

Process indicator & control units

Measuring principle

Loop powered indicators

Measuring principle

Loop-powered field indicator

Function

Display

Display

LCD 17 mm (0.67")

5-digit

7-segment bargraph

Plain text display for unit/TAG

Activatable backlight

Power Supply

Loop powered

Input

1 x analogue 4...20 mA/HART®

Output

Not defined

Output

Not defined

Software functions

Not defined

Process indicator & control
units

Certificates

ATEX II2(1)G Ex ib [ia Ga] IIC T6 Gb
CSA C/US IS Cl.I Div.1 Gr.A-D CSA C/US NI Cl.I Div.2 Gr.A-D
D
CSA Ex ia, Cl. I, Div. 1, Gr. ABCD
FM IS, Cl. I, Div. 1, Gr. ABCD
EAC 1Ex ib IIC T6 Gb
IECEX Ex ib [ia Ga] IIC T6 Gb
JPN Ex ib IIC Gb
NEPSI Ex ib IIC Gb
UK II2(1)G Ex ib [ia Ga] IIC T6 Gb
ATEX IECEX II2(1)G Ex ib [ia Ga] IIC T6
marine certificate
UL C/US

SIL

Not defined

Panel mounting

field
panel mounting

More information www.in.endress.com/RIA15