RIA16
Loop-powered indicator

Excellently readable indication of 4…20 mA signal with trend bar graph 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: Fiber glass reinforced plastic respectively aluminum for Ex-applications
- 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 26 mm (1.02") 5-digit Bargraph Plain text display
- **Power Supply** Loop powered

**Field of application:** The indicator shows the measured signal on the large, backlit display. A bar graph indicates the value graphically for a quick process overview. An editable plain text field displays further information like engineering unit or TAG. Limit value infringement is also signalized and an open collector can be switched. The indicator is powered directly from the 4…20 mA loop and doesn't need a separate power supply. For applications in hazardous areas the device is available with Ex approvals.

from **€247.00**
Price as of 04.02.2024

More information and current pricing: www.endress.com/RIA16
## Features and specifications

### Process indicator & control units

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Process indicator & control units

Certificates
ATEX II2(1)G Ex ib[ia] IIC T6
CSA General Purpose
CSA IS, NI/I/2/ABCDEFG/T6
FM IS, NI/I/2/ABCDEFG/T6
EAC 1Ex ib[ia] IIC T6
IECEEx Ex ib[ia] IIC T6
NEPSI Ex ib[ia] IIC T6/T5/T4
UK II2(1)G Ex ib [ia Ga] IIC T6
Gb
marine certificate

SIL
Not defined

Panel mounting
field

Acquisition / Evaluation

Measuring principle
Display

Function
Display

Certification
UR C/US
CSA GP
ATEX Ex i
FM USA NI
FM USA DIP
CSA NI
CSA DIP
Marine approval

Input
1 x analogue 4...20 mA
### Acquisition / Evaluation

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<td>Field housing: 199 x 133 x 96 mm (7.83&quot; x 5.24&quot; x 3.78&quot;)</td>
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<td>3 keys interface on electronics + PC interface FieldCare</td>
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<td><strong>Display</strong></td>
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More information [www.endress.com/RIA16](http://www.endress.com/RIA16)