

# RIA14

## Stainless steel process indicator

### Loop powered process display for 4 to 20 mA signals

The RIA14 analog process indicator offers excellent readability of on-site measurement data. Designed for applications in life sciences and food & beverage industries, the loop powered device features a stainless steel housing for field mounting, a backlit LC display with large digits and trend bargraph for instant information.



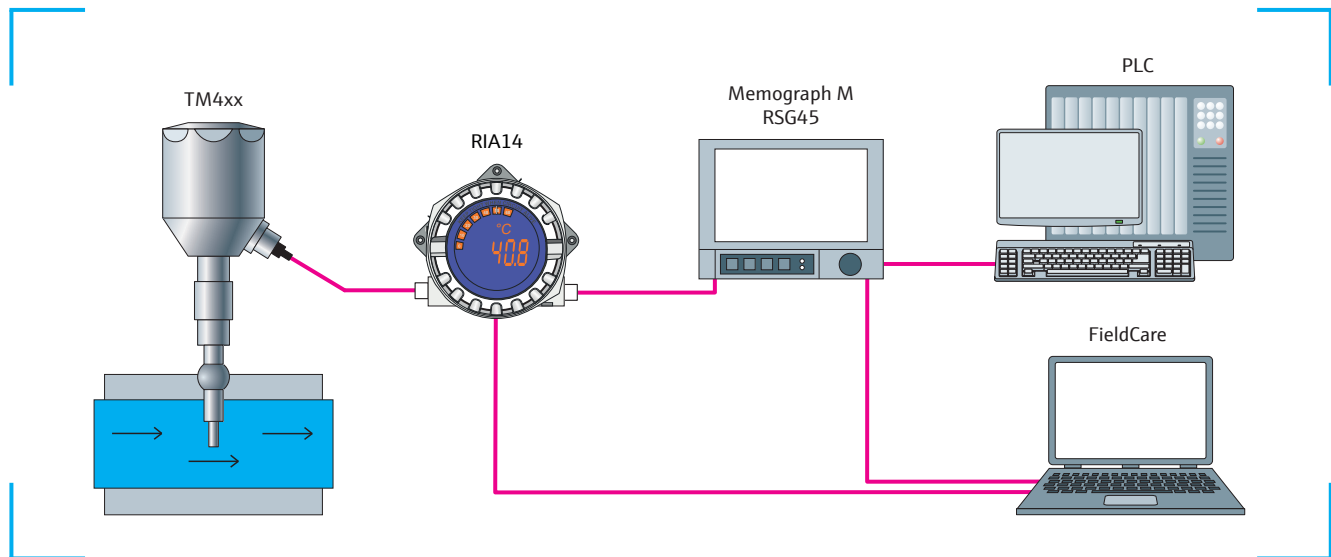
### Your benefit

Value	Benefit	Feature
<b>Time and cost-saving</b>	Easy, fast and flexible installation and integration	<ul style="list-style-type: none"><li>Stainless steel housing designed for field mounting; Field housing certified for installation in Ex-areas</li><li>Protection class IP67, NEMA4x</li><li>Loop powered</li></ul>
<b>Added safety and process transparency</b>	<ul style="list-style-type: none"><li>Local indication of measurement parameters</li><li>Indicates 4 to 20 mA signals</li></ul>	<ul style="list-style-type: none"><li>Backlit LCD for excellent readability in poor lighting conditions</li><li>Bargraph for quick process overview</li><li>Large character size</li></ul>
<b>Reduced effort</b>	Designed for convenient and efficient handling, comfortable commissioning and operation in sterile environments	<ul style="list-style-type: none"><li>Easy configuration; Remote commissioning and operation from a safe and convenient location</li><li>Global availability with international certifications and approvals (ATEX, IECEx, FM, CSA, TIIS, UL listed)</li></ul>

## RIA14 specifications

- Loop powered
- 5-digit backlit display of 4 to 20 mA measurement values with dimensions
- Rotatable display (90° increments)
- Stainless steel field housing for sterile and Ex-applications
- Protection class IP67, NEMA4x
- HART® pass-through
- Easy remote commissioning and operation from a safe and convenient location (e.g. with FieldCare software)
- Ambient temperature range -40 to 80 °C (-40 to 176 °F)
- International certifications and approvals: ATEX, FM, CSA, IECEx, TIIS, UL listed
- Global availability

## Integrated product and service offering



System component	Feature
Data management Memograph M RSG45	<ul style="list-style-type: none"> <li>▪ Tamper-proof data storage and access (FDA 21 CFR 11) in combination with FDM Software MS20, Field Data Manager Software by Endress+Hauser</li> <li>▪ HART® gateway functionality; Up to 40 HART® devices connected at a time</li> <li>▪ Communication capabilities: Modbus, PROFIBUS DP, PROFINET, EtherNet/IP</li> </ul>
Field Data Manager Software MS20	<ul style="list-style-type: none"> <li>▪ Archiving and visualization of historical measured values, diagnostic events and protocols</li> <li>▪ Automatic service for report generation and printing, data read out, storing and export</li> <li>▪ Online visualization of instantaneous values (live data)</li> </ul>
Endress+Hauser Service	<ul style="list-style-type: none"> <li>▪ Commissioning service ensures optimal startup and reliable base for future self-checks</li> <li>▪ Technical experts are always on call to support with product queries</li> </ul>