Digital communication

For dual sensor measurement, the combination of two same type sensor inputs – pH/ORP and pH/ORP (analog sensor only), SC and SC, and DO and DO – are available.
### Specifications

<table>
<thead>
<tr>
<th>FLXA202</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement</strong></td>
</tr>
<tr>
<td><strong>Housing</strong></td>
</tr>
<tr>
<td><strong>Outline Dimensions</strong></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
</tr>
<tr>
<td><strong>Display</strong></td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
</tr>
<tr>
<td><strong>Environmental Conditions</strong></td>
</tr>
</tbody>
</table>
| **Power Supply** | 1 input  
• 16 to 40 V DC (pH/ORP, SC, DO)  
• 17 to 40 V DC (ISC)  
• 21 to 40 V DC (Digital pH/ORP SENCOM)  
2 inputs  
• 22.8 to 40 V DC (pH/ORP, SC, DO) |
| **Output Signal** | 4-20 mA DC |
| **Hazardous Location Approvals** | ATEX, IECEx  
(FM, CSA, NEPSI, KOSHA, EAC are pending) |
| **Communications** | HART |

Refer to the GS sheets for the detailed specifications

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### Digital pH/ORP Sensor SENCOM®
- Available measurement for both pH and ORP in parallel
- Extends the sensor life by an ion trap with double junction
- SENCOM offers the ability to do all sensor maintenance and calibrations in the laboratory/instrument shop which can reduce measurement downtime in the process

### SENCOM® PC Software SPS24
- Simple maintenance by replacement of “pre-calibrated” sensors
- Ability to calibrate up to 4 sensors at the same time
- Simple database management system for tracking up to 100 different serial numbers of SENCOM
- Individualized password-protected user accounts

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**vigilantplant.®**

*The clear path to operational excellence*

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VigilantPlant is Yokogawa’s automation concept for safe, reliable, and profitable plant operations. VigilantPlant aims to enable an ongoing state of Operational Excellence where plant personnel are watchful and attentive, well-informed, and ready to take actions that optimize plant and business performance.