Drawings

FLXA21-D-S, FLXA21-D-U, FLXA21-D-E, FLXA21-D-W
2-Wire Analyzer
Stainless steel Housing

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ±(Criteria of tolerance class IT18 in JIS B0401-1998)/2.

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Conduit Adapter (Option code: □/CB4, □/CD4, □/CF4)

Weight: Approx. 2 kg

Unit: mm

Unit: mm (inch)

Packaging

Nut

Adapter

G1/2 screw (/CB4), 1/2 NPT screw (/CD4)
M20x1.5 screw (/CF4)
(Note) The universal mounting kit (/UM) contains the pipe and wall mounting hardware (/U) and the panel mounting hardware (/PM).

**Panel mounting hardware (Option code: □/PM, □/UM)**

Panel thickness 1 to 12
2-M5 length 35

Plate
(Only with coating)

4-M6 *

<table>
<thead>
<tr>
<th>Panel thickness</th>
<th>2-M5 length</th>
<th>Plate (Only with coating)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 12</td>
<td>35</td>
<td>4-M6</td>
</tr>
</tbody>
</table>

Unit: mm

*: Tighten the four screws to a torque of 2 N•m.

**Wall mounting hardware (Option code: □/U, □/UM)**

165 173 13 70 100 4-M6 *

234.5 165

For wall mounting
3-ø10 holes

*: Tighten the four screws to a torque of 2 N•m.
Pipe mounting hardware (Option code: □/U, □/UM)

Pipe mounting (Horizontal)

Pipe mounting (Vertical)

*: Tighten the four screws to a torque of 2 N•m.

Stainless steel hood (Option code: □/H6, □/H7, □/H8)

Unit: mm

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ±(Criteria of tolerance class IT18 in JIS B0401-1998)/2.
*1: Use a 2-wire shielded cable with an outside diameter of 6 to 12 mm.

*2: Connect the analyzer to gland. (Class D ground: 100 ohm or less)

The minimum cross sectional area of the protective grounding cable should be 0.75 mm².

*3: This line is connected to a distributor or 24V DC power supply.

*4: Terminal numbers for each sensor module are shown below.

*5: Two modules of the same kind of measurement/sensor type can be installed. When measuring inductive conductivity or pH/ORP with the SENCOM sensor, only one module can be installed.

*6: The terminal box may be necessary depending on the sensor cable length and the distance between the analyzer and the sensor.

The SENCOM sensor is to be connected directly to the analyzer without a terminal box.

*7: Two outputs, output 1 and output2, of PH201G or SDBT are same signals.

PH Module

SC Module

ISC Module

DO Module

SENCOM Module

Case of Distributor

PH201G (Style B)

Case of Distributor

SDBT

Power supply
20 to 130V DC
or
80 to 138V AC, 47 to 63Hz

Power supply
20 to 130V DC
or
80 to 138V AC, 47 to 63Hz