**AXF002, AXF005, AXF010**

**AXF Integral Flowmeter/Remote Flowtube**

**AXF Standard (Union Joint)**

**Ceramics Lining**

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### Model code:

- **AXF002**
- **AXF005**
- **AXF010**
  - **G**
  - **N**
  - **P**

*3: D, E, F, G: Integral Flowmeter, N: Remote Flowtube

---

### Process connection

<table>
<thead>
<tr>
<th>Size code</th>
<th>002</th>
<th>005</th>
<th>010</th>
<th>002</th>
<th>005</th>
<th>010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>2.5</td>
<td>5</td>
<td>10</td>
<td>2.5</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Lining code</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
</tbody>
</table>

### Remote Flowtube

- **Remote Flowtube**
  - **Integral**
  - **Flowmeter**

### Integral Flowmeter

- **Remote Flowtube**
- **Integral Flowmeter**

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### Lining code

- **C**: Ceramics

---

### Weight kg (lb)

- **Max. Height**
  - **Hr**: 140(5.51)
  - **Hi**: 144(5.57)
  - **Weight kg (lb)**: 2.3(5.1)

- **Max. Height**
  - **Hr**: 268(10.55)
  - **Hi**: 268(10.55)
  - **Weight kg (lb)**: 2.3(5.1)

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### Dimensions

*No infla-red switches are furnished for Fieldbus communication type.*

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### Model code details:

- **AXF002**
- **AXF005**
- **AXF010**

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### Notes:

- When option code RA, RB, or RC is selected, the direction of electrical connection change as below.
- *1: When indicator code N is selected, subtract 12mm(0.47 inch) from the value in the figure.
- In case of explosion proof type with indicator, add 5 mm (0.2 inch) to it.
**Integral Flowmeter**

**BRAIN/HART Communication Type**

**Terminal configuration**

**Terminal wiring**

<table>
<thead>
<tr>
<th>Terminal Symbols</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N^-</td>
<td>Functional grounding</td>
</tr>
<tr>
<td>L+</td>
<td>Power supply</td>
</tr>
<tr>
<td>I^+</td>
<td>Current output 4 to 20mA DC</td>
</tr>
<tr>
<td>DO^+</td>
<td>Pulse output/Alarm output/Status output</td>
</tr>
<tr>
<td>DIO^-</td>
<td>Alarm output/Status output</td>
</tr>
<tr>
<td></td>
<td>Protective grounding (Outside of the terminal)</td>
</tr>
</tbody>
</table>

**Remote Flowtube**

**Terminal configuration**

**Terminal wiring**

<table>
<thead>
<tr>
<th>Terminal Symbols</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Flow signal output</td>
</tr>
<tr>
<td>B</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
</tr>
<tr>
<td>EX1</td>
<td></td>
</tr>
<tr>
<td>EX2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*2: In case of explosion proof type, (functional grounding terminal) is added.

**FOUNDATION Fieldbus/PROFIBUS PA Communication type**

**Terminal configuration**

**Terminal wiring**

<table>
<thead>
<tr>
<th>Terminal Symbols</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N^-</td>
<td>Functional grounding</td>
</tr>
<tr>
<td>L+</td>
<td>Power supply</td>
</tr>
<tr>
<td>FB^+</td>
<td>Fieldbus communication signal</td>
</tr>
<tr>
<td>FB^-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Protective grounding (Outside of the terminal)</td>
</tr>
</tbody>
</table>