Drawings
ADMAG TI Series
AXG Magnetic Flowmeter
Flange JPI Class 150

SD 01E22D02-08EN

Size 2.5 to 15 mm (0.1 to 0.5 in.)
AXG002
AXG005
AXG010
AXG015
Size Code
Process Connection Code
Lining Code

Size 25 to 100 mm (1 to 4 in.)
AXG025
AXG040
AXG050
AXG080
AXG100
Size Code
Process Connection Code
Lining Code

Size 150 to 200 mm (6 to 8 in.)
AXG150
AXG200
Size Code
Process Connection Code
Lining Code

Integral Flowmeter
Remote Sensor
Integral Flowmeter
Remote Sensor
Ground Terminal
Ground Terminal

Unit: mm (approx. in.)

*1: This length becomes 21 mm (0.83 in.) shorter when display code N is selected.

Unless otherwise specified, difference in the dimensions are specified as: General tolerance = ± (Criteria of tolerance class IT18 in JIS B0401-1) / 2

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SD 01E22D02-08EN
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Size 250 to 400 mm (10 to 16 in.)

AXG250
AXG300
AXG350
AXG400

Size Code

Integral Flowmeter
Remote Sensor

Process Connection Code
Lining Code

Ground Terminal

N-øh

Integral
Remote
Flowmeter
Sensor
Flowmeter
Sensor

*1: This length becomes 21 mm (0.83 in.) shorter when display code N is selected.

Direction of Cable Entry

<table>
<thead>
<tr>
<th>Standard (0°)</th>
<th>+90° rotation</th>
<th>-90° rotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integral Flowmeter</td>
<td>Display</td>
<td>Cable Entry</td>
</tr>
<tr>
<td>Remote Sensor</td>
<td>Front Side</td>
<td>Cable Entry</td>
</tr>
</tbody>
</table>

* The direction of cable entry changes as shown left depending on the designation of the optional code RH with its rotational specification.
### Model

<table>
<thead>
<tr>
<th>Process Connection Code</th>
<th>Size Code 1</th>
<th>002</th>
<th>005</th>
<th>010</th>
<th>015</th>
<th>025</th>
<th>040</th>
<th>055</th>
<th>080</th>
<th>100</th>
<th>155</th>
<th>200</th>
<th>250</th>
<th>300</th>
<th>350</th>
<th>400</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
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<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Grounding rings thin type (GRL, GRH, GRV) (*1)</td>
<td>+0.08</td>
<td>+0.09</td>
<td>+0.09</td>
<td>+0.08</td>
<td>+0.08</td>
<td>+0.09</td>
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<td></td>
</tr>
<tr>
<td>Grounding rings thick type (GRN, GRJ, GRW) with gaskets (GA, GC, GD) (*1)</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+12</td>
<td>+12</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
<td>+10</td>
</tr>
<tr>
<td>Grounding rings electrode type (GRP, GRT) with gaskets (GA, GC, GD) (*1)</td>
<td>+1.10</td>
<td>+1.10</td>
<td>+1.10</td>
<td>+1.10</td>
<td>+1.10</td>
<td>+1.10</td>
<td>+1.10</td>
<td>+1.14</td>
<td>+1.14</td>
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<td>+1.14</td>
<td>+1.14</td>
<td>+1.14</td>
</tr>
<tr>
<td>Grounding rings electrode type (GRP, GRT) with gaskets (GA, GC, GD) (*1)</td>
<td>+1.20</td>
<td>+1.20</td>
<td>+1.20</td>
<td>+1.20</td>
<td>+1.20</td>
<td>+1.20</td>
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<td>+1.20</td>
<td>+1.20</td>
</tr>
</tbody>
</table>

*1: Add the value above (which is the total of both ends) to the lay length "L" when selecting optional grounding rings with/ without gaskets.

*2: When submersible use or optional code DHC is selected, waterproof glands with union joints and cables are attached. When the cable length is 30-meters, add 9.5 kg (20.9 lb) to the weight in the table.

*3: The tolerance of the lay length "L" is as follows.

- **Size 2.5 to 200 mm (0.1 to 8 in.):** 0/3 mm
- **Size 250 to 400 mm (10 to 16 in.):** 0/5 mm
Terminal Configuration and Wiring

Remote Sensor:
<To be wired to Remote Transmitter>
Non Explosion Protection Use

Integral Flowmeter:
<To be wired to Power Supply and I/Os>
Explosion Protection Use

Note: When submersible use or optional code DHC is selected, waterproof glands with union joints and cables are attached.

<table>
<thead>
<tr>
<th>Terminal Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Flow Signal Output</td>
</tr>
<tr>
<td>B</td>
<td>Excitation Current Input</td>
</tr>
<tr>
<td>EX1</td>
<td>Protective Grounding (Outside of the terminal box)</td>
</tr>
<tr>
<td>EX2</td>
<td>Functional Grounding</td>
</tr>
<tr>
<td>N/-</td>
<td>Functional Grounding</td>
</tr>
<tr>
<td>L/+</td>
<td>Power Supply</td>
</tr>
<tr>
<td>I/O4 -</td>
<td>Selected Input/Output</td>
</tr>
<tr>
<td>I/O4 +</td>
<td></td>
</tr>
<tr>
<td>I/O3 -</td>
<td></td>
</tr>
<tr>
<td>I/O3 +</td>
<td></td>
</tr>
<tr>
<td>I/O2 -</td>
<td></td>
</tr>
<tr>
<td>I/O2 +</td>
<td></td>
</tr>
<tr>
<td>I/O1 -</td>
<td></td>
</tr>
<tr>
<td>I/O1 +</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Protective Grounding (Inside and outside of the terminal box)</td>
</tr>
</tbody>
</table>