Drawings
ADMAG TI Series
AXG Magnetic Flowmeter
Flange ASME Class 300

SD 01E22D02-02EN

Size 2.5 to 15 mm (0.1 to 0.5 in.)
AXG002
AXG005
AXG010
AXG015
Size Code
■=B, P

Size 25 to 125 mm (1 to 5 in.)
AXG025
AXG032
AXG040
AXG050
AXG065
AXG080
AXG100
AXG125
Size Code
■=B, C, P

Size 150 to 200 mm (6 to 8 in.)
AXG150
AXG200
Size Code
■=B, C, P

Unless otherwise specified, difference in the dimensions are specified as: General tolerance = ± (Criteria of tolerance class IT18 in JIS B0401-1) / 2
Size 250 to 300 mm (10 to 12 in.)

AXG250
AXG300

Size Code

Process Code
Lining Code

Size Code
[B, C, P]

Integral Flowmeter
Remote Sensor

Unit: mm (approx. in.)

150 (5.91)

Integral Flowmeter
Remote 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></th>
<th>Standard (0°)</th>
<th>+90° rotation</th>
<th>+180° rotation</th>
<th>-90° rotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integral Flowmeter</td>
<td>Display</td>
<td>Display</td>
<td>Display</td>
<td>Display</td>
</tr>
<tr>
<td>Remote Sensor</td>
<td>Front Side</td>
<td>Back Side</td>
<td>Back Side</td>
<td>Front Side</td>
</tr>
</tbody>
</table>

*1: The direction of cable entry changes as shown left depending on the designation of the optional code RH with its rotational specification.
*3: The tolerance of the lay length "L" is as follows.

<table>
<thead>
<tr>
<th>Number of Bolt Holes N</th>
<th>Bolt Hole Diameter (mm) øD</th>
<th>Bolt Hole Interval (mm) ød</th>
<th>Bolt (mm)</th>
<th>Unit: kg (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>15.9 (11.06)</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>19.1 (10.24)</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>22.2 (9.13)</td>
</tr>
</tbody>
</table>

Remote Sensor

*2: When the cable length is 30 meters, add 9.5 kg (20.9 lbs) to the weight in the table.

*1: Add the weight above (which is the total of both ends) to the lay length "L", when selecting optional grounding rings with union joints and cables are attached.
Terminal Configuration and Wiring

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

![Diagram of Non Explosion Protection Use](F05.ai)

**Terminal Symbol** | **Description**
--- | ---
A | Flow Signal Output
B | C | EX1 | EX2 | Protective Grounding (Outside of the terminal box)

Explosion Protection Use

![Diagram of Explosion Protection Use](F05.ai)

**Terminal Symbol** | **Description**
--- | ---
A | Flow Signal Output
B | C | EX1 | EX2 | Protective Grounding (Outside of the terminal box)

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

M4 Screw Type

![Diagram of M4 Screw Type](F06.ai)

**Terminal Symbol** | **Description**
--- | ---
N/- | L/+ | Functional Grounding
I/O4 - | I/O4 + | I/O3 - | I/O3 + | I/O2 - | I/O2 + | I/O1 - | I/O1 + | Selected Input/Output

Clamp Type

![Diagram of Clamp Type](F06.ai)

**Terminal Symbol** | **Description**
--- | ---
N/- | L/+ | Functional Grounding
I/O4 - | I/O4 + | I/O3 - | I/O3 + | I/O2 - | I/O2 + | I/O1 - | I/O1 + | Protective Grounding (Inside and outside of the terminal box)

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