

Drawings

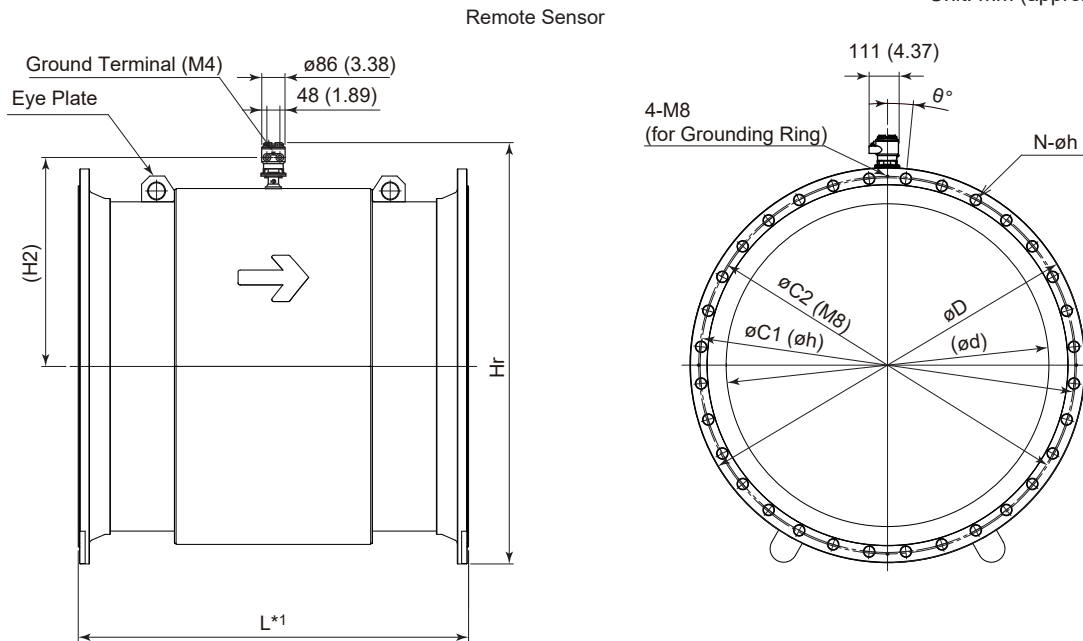
ADMAG TI Series
 AXW Magnetic Flowmeter
 [Size: 1100 to 1800 mm (44 to 72 in.)]
 Flange EN PN10 (Process Connection Code CE1)



SD 01E25D12-04EN

[Style: S2]

Unit: mm (approx. inch)



*1: The thickness of optional grounding rings (5 mm per one) and customer supplied gaskets are not included in "L" here.

F01.ai

| | Direction of Cable Entry | | | |
|---------------|--------------------------|-----------------------------------|------------------------------------|-----------------------------------|
| | Standard (0°) | +90° rotation Optional Code RA | +180° rotation Optional Code RB | -90° rotation Optional Code RC |
| Remote Sensor | Front side | Cable Entry | Back side | Cable Entry |

* The direction of cable entry changes as shown left depending on the designation of the optional code RA, RB, or RC.

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

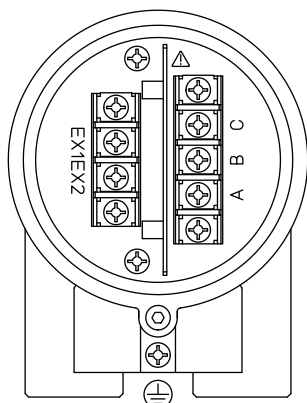
Model code:AXW - - CE1N -

| Process Connection Code | CE1 | | | |
|--|---------------|--------------|--------------|--------------|
| Flange Type | EN1092-1 PN10 | | | |
| Size Code | 12L | 14L | 16L | 18L |
| Size | 1200 (48) | 1400 (56) | 1600 (64) | 1800 (72) |
| Lining Code | H | | | |
| Lay Length L | 1440 (56.69) | 1680 (66.14) | 1920 (75.59) | 2160 (85.04) |
| Flange Outer Diameter ϕD | 1455 (57.28) | 1675 (65.94) | 1915 (75.39) | 2115 (83.27) |
| Flange Bolt Circle Diameter $\phi C1$ | 1380 (54.33) | 1590 (62.60) | 1820 (71.65) | 2020 (79.53) |
| Ring Bolt Circle Diameter $\phi C2$ | 1391 (54.76) | 1596 (62.83) | 1822 (71.73) | 2022 (79.61) |
| Inner Diameter ϕd Lining H | 1189 (16.81) | 1390 (54.72) | 1582 (62.28) | 1776 (69.92) |
| Bolt Hole Pitch Half Angle θ | 5.6° | 5° | 4.5° | 4.1° |
| Bolt Hole Diameter ϕh | 39 (1.54) | 42 (1.65) | 48 (1.89) | 48 (1.89) |
| Number of Bolt Holes N | 32 | 36 | 40 | 44 |
| Height H2 | 763 (30.02) | 865 (34.06) | 961 (37.83) | 1060 (41.73) |
| Height Hr | 1544 (60.77) | 1756 (69.13) | 1972 (77.64) | 2171 (85.47) |
| Inner Diameter of Eye Plate | 60 (2.36) | 70 (2.76) | 70 (2.76) | 80 (3.15) |
| Remote Sensor, Approx. Weight, Unit: kg (lb) (*1) | 920 (2028) | 1340 (2954) | 1860 (4101) | 2510 (5534) |

*1: 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.

Terminal Configuration and Wiring**Remote Sensor:**

<To be wired to Remote Transmitter>



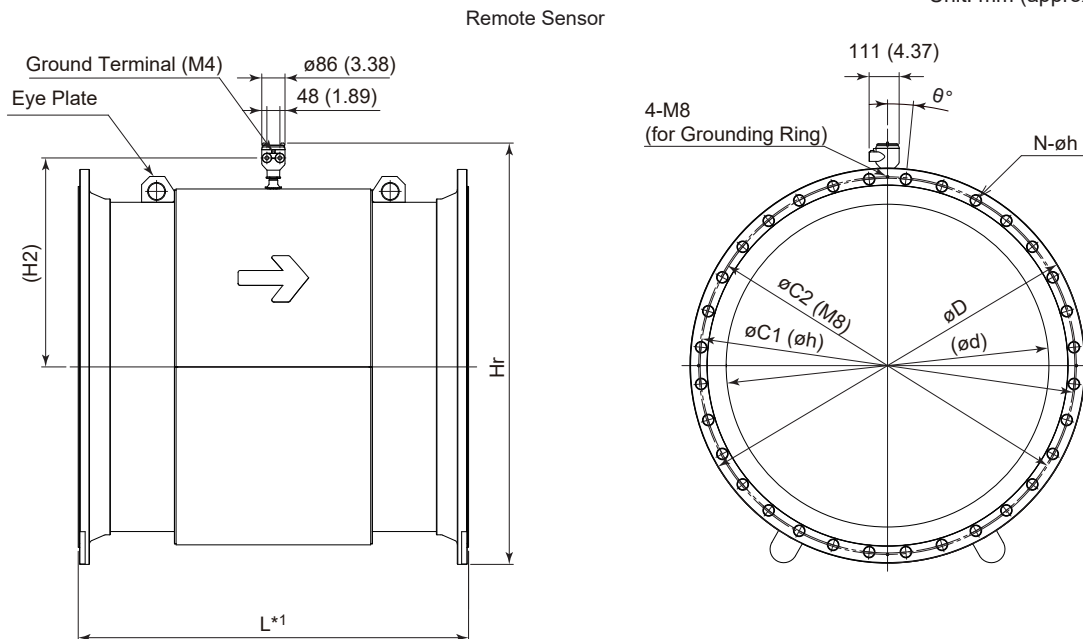
| Terminal Symbol | Description |
|-----------------|---|
| A B C | Flow Signal Output |
| EX1 EX2 | Excitation Current Input |
| | Protective Grounding (Outside of the terminal box) |

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

Flange EN PN10 (Process Connection Code CE1) [Style: S1]

Unit: mm (approx. inch)



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| | Direction of Cable Entry | | | |
|---------------|--------------------------|-----------------------------------|------------------------------------|-----------------------------------|
| | Standard (0°) | +90° rotation Optional Code RA | +180° rotation Optional Code RB | -90° rotation Optional Code RC |
| Remote Sensor | Front Side | Cable Entry | Back Side | Cable Entry |

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

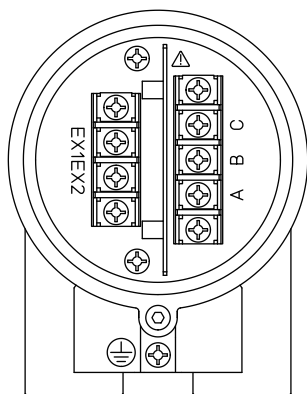
Model code:AXW - - CE1N -

| Process Connection Code | CE1 | | | | |
|---|---------------|--------------|--------------|--------------|--------------|
| Flange Type | EN1092-1 PN10 | | | | |
| Size Code | 12L | 14L | 16L | 18L | |
| Size | 1200 (48) | 1400 (56) | 1600 (64) | 1800 (72) | |
| Lining Code | H | | | | |
| Lay Length L | 1440 (56.69) | 1680 (66.14) | 1920 (75.59) | 2160 (85.04) | |
| Flange Outer Diameter ϕ D | 1455 (57.28) | 1675 (65.94) | 1915 (75.39) | 2115 (83.27) | |
| Flange Bolt Circle Diameter ϕ C1 | 1380 (54.33) | 1590 (62.60) | 1820 (71.65) | 2020 (79.53) | |
| Ring Bolt Circle Diameter ϕ C2 | 1391 (54.76) | 1596 (62.83) | 1822 (71.73) | 2022 (79.61) | |
| Inner Diameter ϕ d | Lining H | 1189 (46.81) | 1390 (54.72) | 1582 (62.28) | 1776 (69.92) |
| Bolt Hole Pitch Half Angle θ | 5.6° | 5° | 4.5° | 4.1° | |
| Bolt Hole Diameter ϕ h | 39 (1.54) | 42 (1.65) | 48 (1.89) | 48 (1.89) | |
| Number of Bolt Holes N | 32 | 36 | 40 | 44 | |
| Remote Sensor, Height H2 | 770 (30.31) | 873 (34.37) | 969 (38.15) | 1068 (42.05) | |
| Remote Sensor, Maximum Height Hr | 1552 (61.10) | 1765 (69.49) | 1981 (77.99) | 2180 (85.83) | |
| Inner Diameter of Eye Plate | 60 (2.36) | 70 (2.76) | 70 (2.76) | 80 (3.15) | |
| Remote Sensor, Approx. Weight, Unit: kg (lb) (*1) | 920 (2028) | 1340 (2954) | 1860 (4101) | 2510 (5534) | |

*1: 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.

Terminal Configuration and Wiring**Remote Sensor:**

<To be wired to Remote Transmitter>



| Terminal Symbol | Description |
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| A B C | Flow Signal Output |
| EX1 EX2 | Excitation Current Input |
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