

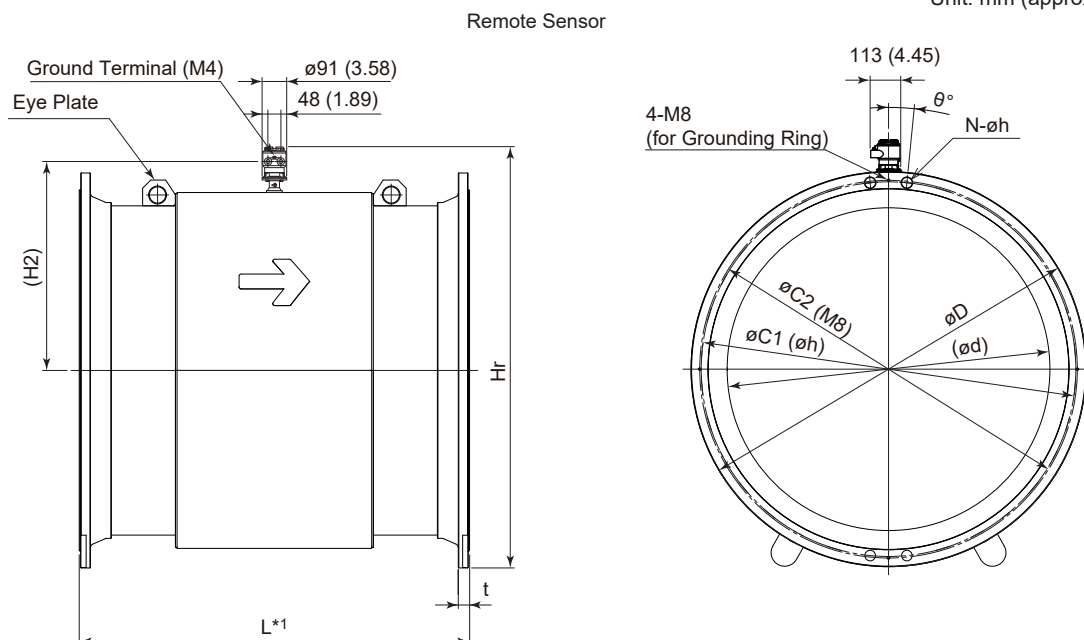
Drawings

ADMAG TI Series
AXW Magnetic Flowmeter
[Size: 1100 to 1800 mm (44 to 72 in.)]
Flange EN PN10 (Process Connection Code CE1)
[Style: S2]



SD 01E25D12-04EN

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

	Standard (0°)	Direction of Cable Entry		
		+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

* When optional code RA, RB, or RC is selected, the direction of cable entry is as shown on the left.

Unless otherwise specified, limit deviations in the drawing are specified as : General limit deviation = \pm (Criteria of standard tolerance grade IT18 in JIS B0401-1) / 2

Model code:

AXW - - CE1N -

Unit: mm (approx. in.)

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 Thickness (*1) (incl. lining flare)	Lining H	41.5 (1.63)	45.5 (1.79)	52.5 (2.07)
Flange Bolt Circle Diameter $\phi C1$		1380 (54.33)	1590 (62.60)	1820 (71.65)
Ring Bolt Circle Diameter $\phi C2$		1391 (54.76)	1596 (62.83)	1822 (71.73)
Inner Diameter ϕd	Lining H	1189 (47.19)	1390 (54.72)	1582 (62.28)
Bolt Hole Pitch Half Angle θ		5.6°	5°	4.5°
Bolt Hole Diameter ϕh		39 (1.54)	42 (1.65)	48 (1.89)
Number of Bolt Holes N		32	36	40
Height H2		763 (30.02)	865 (34.06)	961 (37.83)
Height Hr		1544 (60.77)	1756 (69.13)	1972 (77.64)
Inner Diameter of Eye Plate		60 (2.36)	70 (2.76)	80 (3.15)
Remote Sensor, Approx. Weight, Unit: kg (lb) (*2)		920 (2028)	1340 (2954)	1860 (4101)
Grounding Rings (GR1) (*3)		+10 (+0.39)	+10 (+0.39)	+10 (+0.39)

*1: The limit deviation of the flange thickness "t" is as follows.

• Size 1200 to 1800 mm (48 to 72 in.): +4/-3 mm (+0.16/-0.12 in.)

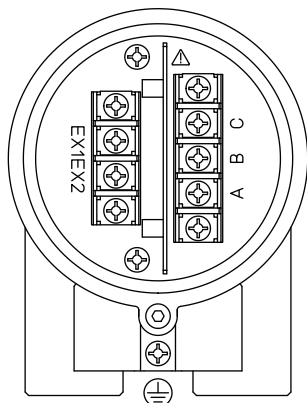
*2: When submersible type or optional code DHC is selected, waterproof glands with union joints and cables are attached. When the cable length is 30-meters, add 9.5 kg (20.9 lb) to the weight in the table.

*3: When selecting this optional grounding rings, the value which is the thickness of both ends is added to the lay length "L".
When preparing gaskets by customer side, please make sure to add the gaskets thickness to the total lay length "L".

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)

F02.ai

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