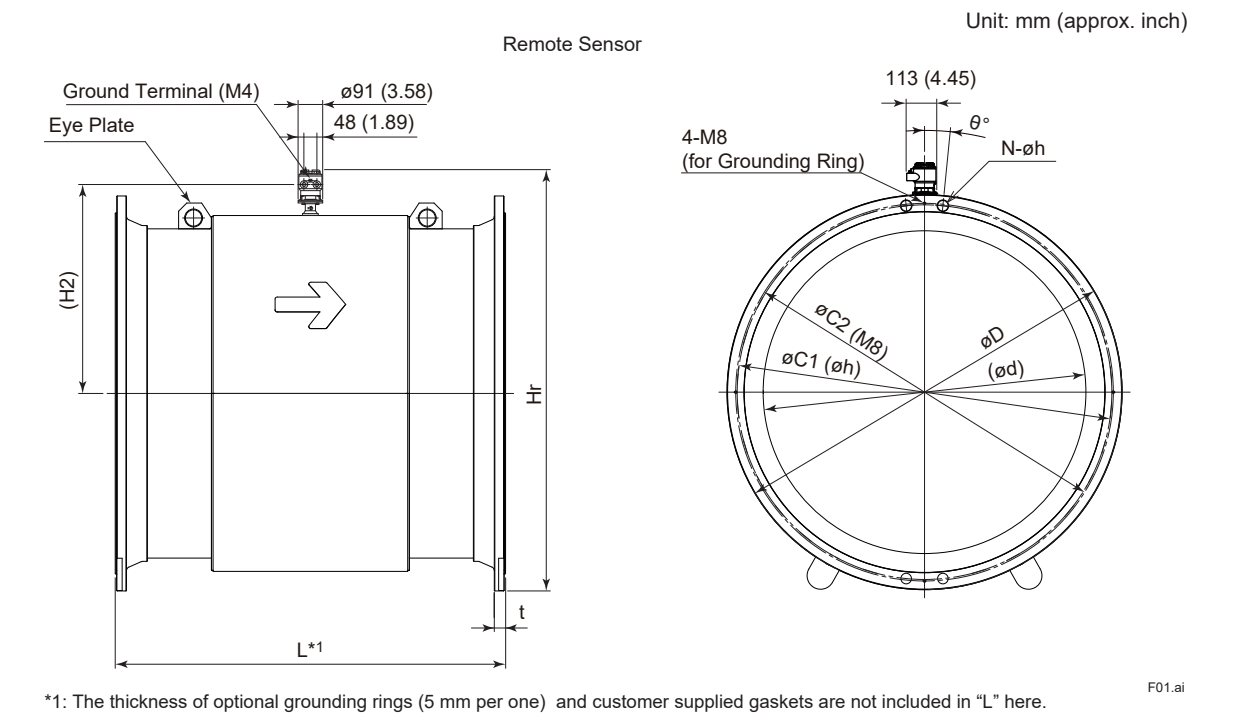


Drawings

ADMAG TI Series
AXW Magnetic Flowmeter
[Size: 1100 to 1800 mm (44 to 72 in.)]
Flange AWWA (Process Connection Code CB1)
[Style: S2]

SD 01E25D12-01EN



	Direction of Cable Entry			
	Standard (0°)	+90° rotation	+180° rotation	-90° rotation
		Optional Code RA	Optional Code RB	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 = ± (Criteria of standard tolerance grade IT18 in JIS B0401-1) / 2

Model code:

AXW - - CB1N -

Unit: mm (approx. in.)

Process Connection Code	CB1	
Flange Type	AWWA C207 Class D	
Size Code	12L	
Size	1200 (48)	
Lining Code	H	
Lay Length L	1440 (56.69)	
Flange Outer Diameter ϕD	1511.3 (59.50)	
Flange Thickness (*1) (incl. lining flare)	Lining H	40.4 (1.59)
Flange Bolt Circle Diameter $\phi C1$	1422.4 (56.00)	
Ring Bolt Circle Diameter $\phi C2$	1426 (56.14)	
Inner Diameter ϕd	Lining H	1189 (46.81)
Bolt Hole Pitch Half Angle θ	4.1°	
Bolt Hole Diameter ϕh	41.3 (1.625)	
Number of Bolt Holes N	44	
Height H2	763 (30.02)	
Height Hr	1572 (61.88)	
Inner Diameter of Eye Plate	60 (2.36)	
Remote Sensor, Approx. Weight, Unit: kg (lb) (*2)	930 (2050)	
Grounding Rings (GR1) (*3)	+10 (+0.39)	

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

• Size 1200 mm (48 in.): +6/-0 mm (+0.24/-0 in.)

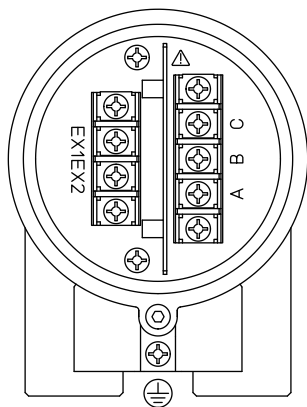
*2: When submersible type or optional code DHC is selected, waterproof glands with union joints and cables are attached. When the cable length is 30-meters, add 9.5 kg (20.9 lb) to the weight in the table.

*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.