

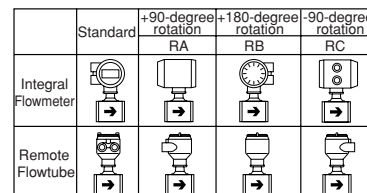
*No infra-red switches are furnished for Fieldbus communication type.

Model code:

AXF025 G D^{*5} A U D G B A 1
 AXF032 W E 1 2 G N G B A 2
 AXF040 C F 2 G N G B P 1
 AXF050 C G N G C A 1 1
 P P A 1
 P P A 2

*5: D, E, F, G; Integral Flowmeter, N, P: Remote Flowtube

* When option code RA, RB, or RC is selected, the direction of electrical connection change as below.



*1: When indicator code N is selected, subtract 12 mm (0.47 inch) from the value in the figure.

In case of explosion proof type with indicator, add 5 mm (0.2 inch) to it.

*2: Depending on the selection of grounding ring code and optional code, add the following value to "L" (face-to-face length) and "t" (thickness of flange).

Option Code	Grounding Ring Code	L		t		L		t		L		t	
		S	L, H, V	P	T	N							
	None	+0	+0	+26(1.02)	+13(0.51)	-2(0.08)	-1(0.04)						
	GA, GC, GD(Special Gaskets)	+8(0.31)	+4(0.16)	+30(1.18)	+15(0.59)	-	-						

*3: When submersible type or option code DHC is selected, waterproof glands and a 30 m long cable are attached. Add 9.5 kg (20.9 lb) to the weight in the table.

Model	Process Connection	BA1 (ANSI Class 150)				BA1/CA1 (ANSI Class 150)			PA1 (ANSI Class 150) BP1 (JPI Class 150)			BA2 (ANSI Class 300)				BA2/CA2 (ANSI Class 300)			PA2 (ANSI Class 300)		
		025	032	040	050	025	040	050	025	032	040	050	025	040	050	025	040	050			
	Size code	025	032	040	050	025	040	050	025	032	040	050	025	040	050	025	040	050			
	Size	25 (1)	32 (1.25)	40 (1.5)	50 (2)	25 (1)	40 (1.5)	50 (2)	25 (1)	32 (1.25)	40 (1.5)	50 (2)	25 (1)	40 (1.5)	50 (2)	25 (1)	40 (1.5)	50 (2)			
	Lining code	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U	A,U			
Remote Flowtube	Face-to-face length L ^{0*2} ₋₃	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)	200 (7.87)			
	Outside dia. øD	108.0 (4.25)	117.3 (4.62)	127.0 (5.00)	152.4 (6.00)	108.0 (4.25)	127.0 (5.00)	152.4 (6.00)	124.0 (4.88)	133.4 (5.25)	155.4 (6.12)	165.1 (6.50)	124.0 (4.88)	155.4 (6.12)	165.1 (6.50)	124.0 (4.88)	155.4 (6.12)	165.1 (6.50)			
	Thickness t ^{*2}	18.2 (0.72)	19.7 (0.78)	21.5 (0.85)	23.1 (0.91)	18.2 (0.72)	21.5 (0.85)	23.1 (0.91)	23.1 (0.91)	23.1 (0.91)	24.6 (0.97)	26.4 (1.04)	26.4 (1.04)	21.5 (0.85)	23.1 (0.91)	24.6 (0.97)	26.4 (1.04)	26.4 (1.04)			
	Inner diameter of Grounding ring ød	28 (1.10)	34 (1.34)	41 (1.61)	53 (2.09)	28 (1.10)	41 (1.61)	53 (2.09)	28 (1.10)	34 (1.34)	41 (1.61)	53 (2.09)	28 (1.10)	41 (1.61)	53 (2.09)	28 (1.10)	41 (1.61)	53 (2.09)			
	Pitch circle dia. øC	79.2 (3.12)	88.9 (3.50)	98.6 (3.88)	120.7 (4.75)	79.2 (3.12)	98.6 (3.88)	120.7 (4.75)	88.9 (3.50)	98.6 (3.88)	114.3 (4.50)	127.0 (5.00)	88.9 (3.50)	114.3 (4.50)	127.0 (5.00)	88.9 (3.50)	114.3 (4.50)	127.0 (5.00)			
Integral Flowmeter	Bolt hole interval θ°	45	45	45	45	45	45	45	45	45	45	22.5	45	45	45	45	45	22.5			
	Hole dia. øh	15.7 (0.62)	15.7 (0.62)	15.7 (0.62)	19.1 (0.75)	15.7 (0.62)	15.7 (0.62)	19.1 (0.75)	19.1 (0.75)	19.1 (0.75)	22.4 (0.88)	19.1 (0.75)	19.1 (0.75)	22.4 (0.88)	19.1 (0.75)	22.4 (0.88)	19.1 (0.75)	19.1 (0.75)			
	Number of holes N	4	4	4	4	4	4	4	4	4	4	8	4	4	4	4	4	8			
	Height H1	112 (4.40)	120 (4.72)	131 (5.17)	155 (6.11)	112 (4.40)	131 (5.17)	155 (6.11)	120 (4.72)	128 (5.04)	146 (5.73)	162 (6.36)	120 (4.72)	146 (5.73)	162 (6.36)	120 (4.72)	146 (5.73)	162 (6.36)			
Remote Flowtube	Height H2	58 (2.28)	61 (2.40)	68 (2.67)	79 (3.11)	58 (2.28)	68 (2.67)	79 (3.11)	58 (2.28)	61 (2.40)	68 (2.67)	79 (3.11)	58 (2.28)	68 (2.67)	79 (3.11)	58 (2.28)	68 (2.67)	79 (3.11)			
	Max. Height Hr	236 (9.28)	244 (9.61)	255 (10.05)	279 (10.99)	236 (9.28)	255 (10.05)	279 (10.99)	244 (9.60)	252 (9.92)	270 (10.61)	286 (11.24)	244 (9.60)	270 (10.61)	286 (11.24)	244 (9.60)	270 (10.61)	286 (11.24)			
Integral Flowmeter	Weight kg (lb) ^{*3}	3.9 (8.5)	4.5 (9.9)	5.4 (11.9)	7.4 (16.4)	3.9 (8.5)	5.4 (11.9)	7.4 (16.4)	5.0 (11.0)	5.8 (12.9)	7.8 (17.1)	9.0 (19.8)	5.0 (11.0)	7.8 (17.1)	9.0 (19.8)	5.0 (11.0)	7.8 (17.1)	9.0 (19.8)			
	Max. Height Hi	273 (10.76)	282 (11.10)	293 (11.53)	317 (12.47)	273 (10.76)	293 (11.53)	317 (12.47)	281 (11.07)	290 (11.42)	307 (12.09)	323 (12.72)	281 (11.07)	307 (12.09)	323 (12.72)	281 (11.07)	307 (12.09)	323 (12.72)			
	Weight kg (lb)	5.6 (12.2)	6.2 (13.6)	7.1 (15.7)	9.1 (20.1)	5.6 (12.2)	7.1 (15.7)	9.1 (20.1)	6.7 (14.7)	7.5 (16.6)	9.5 (20.8)	6.7 (14.7)	9.5 (20.8)	6.7 (14.7)	9.5 (20.8)	6.7 (14.7)	9.5 (20.8)	10.7 (23.6)			

Lining code : A; Fluorocarbon PFA, U; Polyurethane Rubber, D; Natural Soft Rubber, G; EPDM Rubber

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

Integral Flowmeter

BRAIN/HART Communication Type

Terminal configuration

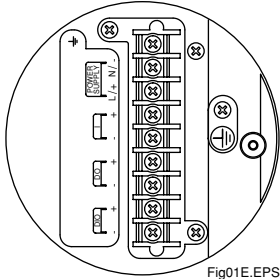


Fig01E.EPS

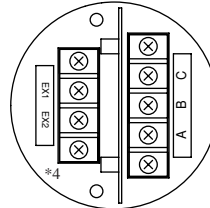
Terminal wiring

Terminal Symbols	Description
	Functional grounding
N/- L/+	Power supply
I+ I-	Current output 4 to 20mA DC
DO+ DO-	Pulse output/Alarm output/ Status output
DIO+ DIO-	Alarm output/Status output Status input
	Protective grounding (Outside of the terminal)

Fig01-2E.EPS

Remote Flowtube

Terminal configuration



*4: In case of explosion proof type, (functional grounding terminal) is added.

Fig02E.EPS

Terminal wiring

Terminal Symbols	Description
A B C	Flow signal output
EX1 EX2	Excitation current input
	Protective grounding (Outside of the terminal)

FOUNDATION Fieldbus/PROFIBUS PA Communication type

Terminal configuration

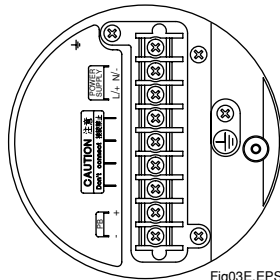


Fig03E.EPS

Terminal wiring

Terminal Symbols	Description
	Functional grounding
N/- L/+	Power supply
FB+ FB-	Fieldbus communication signal
	Protective grounding (Outside of the terminal)

Fig01-3E.EPS