

Admag AXF

Magnetiska flödesmätare i hygieniskt utförande från Yokogawa

Admag AXF magnetiska flödesmätare klarar att mäta de flesta fluider som har en konduktivitet från 1 uS/cm. Detta tack vare den nya förbättrade dubbel magnetiseringen. Den är idealisk i krävande applikationer så som snabba batcher, viskösa media och där krav ställs på hög mätnoggrannhet.

Enkel

- Korta raksträckor
- Hygienisk lining med PFA
- Flertal olika elektrodmaterial
- Inbyggda jordringar
- 1 analog utsignal samt upp till 6 digitala in eller utsignaler

Ekonomisk

- Integrerat eller separerat utförande
- Enkelt montage därmed låg installationskostnad
- Storlekar DN 15 – DN 125
- Inbyggd larmfunktion för beläggning på elektroder

Noggrannhet

- Onoggrannheten är som standard 0.35 % av aktuellt flöde
- Option 0.2 % av aktuellt flöde



AXF STANDARD (Clamp/Union/Butt Weld Connection)
Sanitary Style, PFA Lining

Model	Suffix Code	Description	Applicable Model
AXF015	.....	Size 15 mm (0.5 in), Integral Flowmeter/Remote Flowtube	
AXF025	.....	Size 25 mm (1.0 in), Integral Flowmeter/Remote Flowtube	
AXF032	.....	Size 32 mm (1.25 in), Integral Flowmeter/Remote Flowtube	
AXF040	.....	Size 40 mm (1.5 in), Integral Flowmeter/Remote Flowtube	
AXF050	.....	Size 50 mm (2.0 in), Integral Flowmeter/Remote Flowtube	
AXF065	.....	Size 65 mm (2.5 in), Integral Flowmeter/Remote Flowtube	
AXF080	.....	Size 80 mm (3.0 in), Integral Flowmeter/Remote Flowtube	
AXF100	.....	Size 100 mm (4.0 in), Integral Flowmeter/Remote Flowtube	
AXF125	.....	Size 125 mm (5.0 in), Integral Flowmeter/Remote Flowtube	
Use	H	Sanitary Style	
Converter Output Signal and Communication	-D	Integral Flowmeter with 4 to 20 mA DC Output and BRAIN Communication	
	-E	Integral Flowmeter with 4 to 20 mA DC Output and HART Communication	
	-F	Integral Flowmeter with FOUNDATION Fieldbus communication (*5)	
	-G	Integral Flowmeter with PROFIBUS PA communication (*6)	
	-N	Remote Flowtube for Combined use with AXFA11	
	-P	Remote Flowtube for Combined use with AXFA14	
Power Supply	1	Integral Flowmeter, 100 V to 240 V AC or 100 to 120 V DC	
	2	Integral Flowmeter, 24 V AC/DC	
	N	Remote Flowtube	
Lining (*4)	A	Fluorocarbon PFA	
Electrode Material(*4)	L	JIS SUS316L (AISI 316L SS/EN 1.4404 Equivalent)	
Electrode Structure	1	Non-replaceable	
Grounding Ring	N	None	
Process Connection (*2)	-HAB	Tri-Clamp (3A), JIS SUS316L (AISI 316L SS/EN1.4404 Equivalent)(*1)	Size 15 mm (0.5 in) to 100 mm (4.0in), except 32 mm (1.25 in)
	-HDB	DIN32676 Clamp, JIS SUS316L (AISI 316L SS/EN1.4404 Equivalent)	Size 15 mm (0.5 in) to 125 mm (5.0 in)
	-HKB	ISO2852/SMS3016 Clamp, JIS SUS316L (AISI 316L SS/ EN1.4404 Equivalent)	Size 15 mm (0.5 in) to 125 mm (5.0 in)
	-JDB	DIN11851 Union, SUS316L (AISI 316L SS/EN1.4404 Equivalent)	Size 15 mm (0.5 in) to 125 mm (5.0 in)
	-JKB	ISO2853 Union, SUS316L (AISI 316L SS/EN1.4404 Equivalent)	Size 15 mm (0.5 in) to 100 mm (4.0 in)
	-JSB	SMS1145 Union, SUS316L (AISI 316L SS/EN1.4404 Equivalent)	Size 25 mm (1.0 in) to 100 mm (4.0 in)
	-KDB	Butt Weld for DIN 11850 Pipe Connection (SUS316L [AISI 316L SS/EN1.4404 Equivalent])	Size 15 mm (0.5 in) to 125 mm (5.0 in)
	-KKB	Butt Weld for ISO 2037 Pipe Connection (SUS316L [AISI 316L SS/EN1.4404 Equivalent])	Size 15 mm (0.5 in) to 125 mm (5.0 in)
Lay Length	1	Standard	
Electrical Connection (wiring port thread)	-2	ANSI 1/2 NPT female	
	-4	ISO M20x1.5 female	
Indicator (*3)	1	Integral Flowmeter with indicator (Horizontal)	
	2	Integral Flowmeter with indicator (Vertical)	
	N	Integral Flowmeter without indicator /Remote Flowtube	
Calibration	B	Standard (accuracy 0.35 % of rate)	
	C	High Grade (accuracy 0.2 % of rate)	Size 25 mm (1.0 in) to 125 mm (5.0 in)
		/■ Optional code (See the Table of Optional Specifications)	

*1: For a tri-clamp type of size 15 mm (0.5 in), prepare a 3/4 in. tri-clamp on the process pipe side. (Process connection code: HAB).

*2: The detailed dimensions of process connections (clamp/union/butt weld) are shown in the 'EXTERNAL DIMENSIONS' section of the sanitary style. In case of Butt Weld Type ferrules, the sleeves or alternative must be provided by the user. User needs to weld these parts to the butt weld adapter. Gasket between process connection PFA-liner: Standard EPDM (Tmax = 150 °C / CIP capable) Option /GH: Silicone rubber (Tmax = 160 °C / CIP capable)

*3: N shall be always selected for remote flowtubes. In the case of an integral flowmeter, select from among the following figures.



*4: The use of inappropriate materials can result the leakage of corrosive process fluids and cause injury to personal and/or damage to plant facilities. It is also possible that the instrument itself can be damaged and that fragments from the instrument can contaminate the user's process fluid. Be very careful with highly corrosive process fluids such as hydrochloric acid, sulfuric acid, hydrogen sulfide, sodium hydrochlorite and high temperature steam (150 °C (300 °F) or above). Contact Yokogawa for detailed information of the wetted parts material.

*5: For FOUNDATION Fieldbus, refer to GS 01E20F02-01E.

*6: For PROFIBUS PA, refer to GS 01E20F12-01E.