INSTALLATION DETAILS FORM (IDF)

AVM80 Vortex Meter®

ISO 9001 Certified

In order to enter P.O.s and guarantee delivery dates, a technically accurate and complete IDF is required.
Complete pages and email to veris-sales@armstronginternational.com

Date: _____

Requested by

Customer Name: _____ Company: _____

Phone: _____ Email: _____

Section 1 – Order Processing & Tracking Detail

Point of Order / Sold To: _____ (eg: ABC Mechanical)

City: _____ State: _____ Rep Firm: _____

Point of Installation: _____ (eg: Heinz Ketchup)

City: _____ State: _____ Rep Firm: _____

Point of Specification: _____ (eg: DEF Consulting)

City: _____ State: _____ Rep Firm: _____

Other Influence: _____

Section 2 – Pipe Dimensions

Pipe Size: _____ Sch_____

Pipe ID: _____ Wall_____

Pipe Orientation: ☐ (H) Horizontal ☐ (V) Vertical

Pipe Material: ☐ Aluminum ☐ Copper ☐ Steel ☐ Stainless Steel

Section 3 – Flow Conditions

Fluid Name: _____

		Maximum	Normal	Minimum	Units
All Fluids	Pressure @ Flow				
	Temperature @ Flow				
Gas	Specific Gravity				
	Molecular Weight				
Liquid	Specific Gravity				
Steam	Flow Element Sizing Program can calculate Density from Temperature and Pressure				

Special Instructions: _____

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AVM80 Vortex Meter®

Armstrong
EXPERIENCE MATTERS®

Section 4
AVM80 Model Codes

General Model			
☐	**AVM80-MV**	Vortex mass flowmeter with integral RTD and pressure sensor	Standard
☐	**AVM80-N**	Vortex flowmeter without integral RTD and pressure sensor (velocity only)	Option
Fluid Type			
☐	**1**	Liquid	Option
☐	**2**	Gas	Standard
☐	**3**	Steam	Option
Process Connection			
☐	**IN**	Insertion (only for DN300 - DN1000 or 12 inch - 40 inch)	Option
☐	**WC**	Wafer with carbon steel flanges up to 232 psig (16 barg) / DN15-DN300	Standard
☐	**WF**	Wafer with stainless steel flanges up to 232 psig (16 barg) / DN15-DN300	Option
☐	**D1**	Flanged DIN PN16 up to 232 psig (16 barg) / DN15-DN300	Option
☐	**D2**	Flanged DIN PN25 362 psig (25 barg) / DN15-DN300	Option
☐	**D3**	Flanged DIN PN40 580 psig (40 barg) / DN15-DN30	Option
☐	**D4**	Flanged DIN PN63 913 psig (63 barg) / DN15-DN30	Option
☐	**C1**	Flanged ANSI CL 150 up to 232 psig (16 barg) / 0.5"-12"	Option
☐	**C2**	Flanged ANSI CL 300 up to 580 psig (40 barg) / 0.5"-12"	Option
☐	**C3**	Flanged ANSI CL 400 up to 913 psig (63 barg) / 0.5"-12"	Option
☐	**J1**	JIS 10K up to 232 psig (16 barg) / DN15-DN300	Option
☐	**J2**	JIS 20K up to 580 psig (40 barg) / DN15-DN300	Option
☐	**J3**	JIS 30K up to 913 psig (63 barg) / DN15-DN300	Option
Wetted Part Material			
☐	**1**	OCr18Ni9 (304)	Standard
☐	**2**	316	Option
☐	**Q**	Other	Option
Degreased			
☐	**N**	Wet part not degreased	Standard
☐	**D**	Wet part degreased for oxygen measurement	Option
Medium Temperature			
☐	**S**	T < 482°F (250°C) wafer or flanged	Option
☐	**H**	T < 662°F (350°C) wafer or flanged	Option
Transmitter			
☐	**ML1**	Integral transmitter, multi-variable, Bluetooth, RS485, pulse	Option
☐	**ML2**	Integral transmitter, multi-variable, Bluetooth, 3x4...20mA, RS485, pulse	Standard
☐	**ML3**	Integral transmitter, multi-variable, Bluetooth, HART@1x4...20mA, 2x4...20mA, pulse	Option
☐	**MR1**	Remote transmitter (dual display), multi-variable, Bluetooth, RS485, pulse	Option
☐	**MR2**	Remote transmitter (dual display), multi-variable, Bluetooth, 3x4...20mA, RS485, pulse	Option
☐	**MR4**	Remote transmtter (single display), multi-variable, Bluetooth, 3x4...20mA, RS485, pulse	Option
☐	**MR5**	Remote transmitter (single display), multi-variable, Bluetooth, RS485, pulse	Option
☐	**MR6**	Remote transmitter (single display), multi-variable, Bluetooth, HART@1x4...20mA, 2x4...20mA, pulse	Option
☐	**NL1**	Integral transmitter, Bluetooth, RS485, pulse	Option
☐	**NL2**	Integral transmitter, Bluetooth, 1x4...20mA, RS485, pulse	Option
☐	**NL3**	Integral transmitter, Bluetooth 3x4...20mA, RS485, pulse	Option
☐	**NL4**	Integral transmitter, Bluetooth. HART@1x4...20mA, 2x4...20mA, pulse	Option
☐	**NR1**	Remote transmitter (dual display), Bluetooth, RS485, pulse	Option
☐	**NR2**	Remote transmitter (dual display), Bluetooth, 1x4...20mA, RS485, pulse	Option
☐	**NR3**	Remote transmitter (dual display), Bluetooth, 3x4...20mA, RS485, pulse	Option
☐	**NR5**	Remote transmitter (single display), Bluetooth, RS485, pulse	Option
☐	**NR6**	Remote transmitter (single display), Bluetooth, 1x4...20mA, RS485, pulse	Option
☐	**NR7**	Remote transmitter (single display), Bluetooth, 3x4...20mA, RS485, pulse	Option
☐	**NR8**	Remote transmitter (single display), Bluetooth, HART@1x4...20mA, 2x4...20mA, pulse	Option
Cable Grinder			
☐	**M**	M20x1.5	Standard
☐	**N**	NPT 1/2	Option
Ex-Proof			
☐	**N**	No Ex-proof	Option
Pipe Size			
☐	**015**	0.5" (DN15)	
☐	**020**	0.75" (DN20)	
☐	**025**	1.0" (DN25)	
☐	**032**	1.25" (DN32)	
☐	**040**	1.5" (DN40)	
☐	**050**	2.0" (DN50)	
☐	**065**	2.5" (DN65)	
☐	**080**	3.0" (DN80)	
☐	**100**	4.0" (DN100)	
☐	**125**	5.0" (DN125)	
☐	**150**	6.0" (DN150)	
☐	**200**	8.0" (DN200)	
☐	**250**	10.0" (DN250)	
☐	**300**	12.0" (DN300)	

AVM80-MV	**1**	**IN**	**1**	**V2**	**N**	**ML1**	**M**	**N**	**015**

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Section 5 – Notes and Sketches

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