

Eldridge Product, Inc. - Inline Model Series: 8000MP, 8100MP, 8600MP, 8700MP

Model Number Format

Note, all wetted parts 316L SS unless otherwise specified

Features

1				2		3		4		5		6					
A	B	C	D									A	B	C	D		
7				8		9		10		Option 1		Option 2		Option 3		Option 4	
	A	B (Optional)	C (Optional)	D (Optional)													

1 - Meter Type	
80	Remote Electronics, (Inline series up to 1")
81	Remote Electronics, (Inline series > 1")
86	Integral Electronics, (Inline series up to 1")
87	Integral Electronics, (Inline series > 1")
B - 80xx & 86xx Series	
36	Flow Body, 1/4" Conduit x 6" Long
49	Flow Body, 3/8" Conduit x 6" Long
59	Flow Body, 1/2" Conduit x 7" Long
69	Flow Body, 3/4" Conduit x 7" Long
89	Flow Body, 1" Conduit x 8" Long
B - 81xx & 87xx Series	
10	Flow Body, 1-1/4" Conduit x 10" Long
12	Flow Body, 1-1/2" Conduit x 14" Long
16	Flow Body, 2" Conduit x 14" Long
20	Flow Body, 2-1/2" Conduit x 14" Long
24	Flow Body, 3" Conduit x 14" Long
32	Flow Body, 4" Conduit x 14" Long
C	
MP	Ex-Proof for Hazardous Area Locations
D	
-INT	Integral Electronics
-REM	Remote electronics; Ordinary Locations ONLY
-DCEX	Remote Explosion-proof enclosure for DC PWR
-ACEX	Remote Explosion-proof enclosure for AC PWR

2 - Sensor	
-SSS	Up to 400°F based on Feature 5
-HAS	C276 Hastelloy up to 400°F based on Feature 5
-SSSAR	Up to 400°F based on Feature 5; Attenuation Rod
-HASAR	C276 Hastelloy up to 400°F based on Feature 5; Attenuation Rod

3 - Display	
-000	NO Display Indicator
-133	Display and Keypad: 2-line 16 character display/4-button keypad

4 - Power	
-DC24	24 VDC (Standard)
-AC115	115 VAC
-AC230	230 VAC

5- Maximum Process Gas Temperature	
-MW050	Gas Temperature Maximum (122°F / 50°C)
-MW075	Gas Temperature Maximum (167°F / 75°C)
-MW100	Gas Temperature Maximum (212°F / 100°C)
-MW125	Gas Temperature Ambient to (257°F / 125°C)

6 - Flow Conduit	
A	
-AS40	ASME Schedule 40 Conduit
-T65	Tube, wall 0.065"
-T83	Tube, wall 0.083"
B	
36	Flow Body, 1/4" Assembly; (AS40);
49	Flow Body, 3/8" Assembly; (AS40);
59	Flow Body, 1/2" Assembly; (T65, AS40);
69	Flow Body, 3/4" Assembly; (T65, AS40);
89	Flow Body, 1" Assembly; (T65, AS40);
10	Flow Body, 1-1/4" Assembly; (AS40);
12	Flow Body, 1-1/2" Assembly; (T65, AS40);
16	Flow Body, 2" Assembly; (T65, AS40);
20	Flow Body, 2-1/2" Assembly; (AS40);
24	Flow Body, 3" Assembly; (T83, AS40);
32	Flow Body, 4" Assembly; (T83, AS40);
C	
BE	Butt ends
MT	Male National Pipe Thread (Schedule 40 only) (Standard up to 2-1/2")
TC10	(2) Tri-Clover ends for 1" tube flow section (Tube only)
TC15	(2) Tri-Clover ends for 1.5" tube flow section (Tube only)
TC20	(2) Tri-Clover ends for 2" tube flow section (Tube only)
VC02	(2) Male VCR ends for 1/4" tube flow section
VC03	(2) Male VCR ends for 3/8" tube flow section
VC04	(2) Male VCR ends for 1/2" tube flow section
VC06	(2) Male VCR ends for 3/4" tube flow section
VC08	(2) Male VCR ends for 1" tube flow section
FR1502	(2) 1/2" 150# RF Flange welded to flow body (ASME only)
FR1503	(2) 3/4" 150# RF Flange welded to flow body (ASME only)
FR1504	(2) 1" 150# RF Flange welded to flow body (ASME only)
FR1505	(2) 1-1/4" 150# RF Flange welded to flow body (ASME only)
FR1506	(2) 1-1/2" 150# RF Flange welded to flow body (ASME only)
FR1508	(2) 2" 150# RF Flange welded to flow body (ASME only)
FR1510	(2) 2-1/2" 150# RF Flange welded to flow body (ASME only)
FR1512	(2) 3" 150# RF Flange welded to flow body (Incl. in base price of 3" flow body) (ASME only)
FR1516	(2) 4" 150# RF Flange welded to flow body (Incl. in base price of 4" flow body) (ASME only)
FR3002	(2) 1/2" 300# RF Flange welded to flow body (ASME only)
FR3003	(2) 3/4" 300# RF Flange welded to flow body (ASME only)
FR3004	(2) 1" 300# RF Flange welded to flow body (ASME only)
FR3005	(2) 1-1/4" 300# RF Flange welded to flow body (ASME only)
FR3006	(2) 1-1/2" 300# RF Flange welded to flow body (ASME only)
FR3008	(2) 2" 300# RF Flange welded to flow body (ASME only)
FR3010	(2) 2-1/2" 300# RF Flange welded to flow body (ASME only)
FR3012	(2) 3" 300# RF Flange welded to flow body (ASME only)
FR3016	(2) 4" 300# RF Flange welded to flow body (ASME only)
D	
NO	No Obstructions; For back pressure concerns or high flow rate, >= 3/4" Flow bodies.
NZL	Low velocity application flow nozzle. For 1/4", 3/8" 1/2" flow bodies
P2	Two conditioning screens (Not available for 1/2" tube)

* Consult factory for larger sizes
 * DN Flanges supplied by customer, consult factory
 * Consult factory for additional hardware options

7 - Gas Range	
-1RC	1 gas range as standard.
-2RC	2 selectable full scale flow ranges. Requires common gas curve
-3RC	3 selectable full scale flow ranges. Requires common gas curve
-4RC	4 selectable full scale flow ranges. Requires common gas curve
-2RG	2 selectable flow rate ranges. Integral meters only. Different gases
-3RG	3 selectable flow rate ranges. Integral meters only. Different gases
-4RG	4 selectable flow rate ranges. Integral meters only. Different gases

8 - Calibration Gases	
A (Range 1)	
-AIR	Air calibration
-AR	Argon (AR) calibration
-C2H4	Ethylene (C2H4) calibration
-C2H6	Ethane (C2H6) calibration
-C2H8	Propane 100% calibration
-CH4	Methane (CH4) calibration
-CH4(60)/CO2(40)	Methane/Carbon Dioxide 60% CH4 /40% CO2 (Bio-Gas) calibration
-CH4(65)/CO2(35)	Methane/Carbon Dioxide 65% CH4 /35% CO2 (Bio-Gas) calibration
-CO2	Carbon Dioxide (CO2) calibration
-He	Helium (He) calibration
-N2	Nitrogen calibration
-NG	Natural Gas (Methane as best estimated gas substitute) calibration
-O2	O2 (Air Substitute) calibration
Mix	** Consult Factory
B (Range 2 - Optional - Based on Feature 7 selection)	
Select Gas (Same as above)	
C (Range 3 - Optional - Based on Feature 7 selection)	
Select Gas (Same as above)	
D (Range 4 - Optional - Based on Feature 7 selection)	
Select Gas (Same as above)	

9 - Certificate	
-AT2	ATEX T2 for Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-AT3	ATEX T3 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-AT4	ATEX T4 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-CT2	CT2: CSA/CUS T2 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-CT3	CT3: CSA/CUS T3 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-CT4	CT4: CSA/CUS T4 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-IT2	IT2: IECEx T2 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-IT3	IT3: IECEx T3 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-IT4	IT4: IECEx T4 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-KT2	KT2: KOSHA T2 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-KT3	KT3: KOSHA T3 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-KT4	KT4: KOSHA T4 Approved Meter; Approved for remote only with ACEX or DCEX (Feature 1)
-NA	No Approvals / Certifications

10 - Protocol	
-MB	RS485 Modbus RTU
-BN	BACnet
-MB/HT	RS485 Modbus RTU & HART communications module
-MB/PB	RS485 Modbus RTU & Profibus DP

Extra Options	
-CBL4	Wire used between Flow Element and Remote Transmitter. Additional 4-wire cable length
-COO	Certificate of Origin notarized by Monterey, CA Chamber of Commerce
-CTP	Calibration Test Points
-MMR	Mill Material Report - Priced per order (Excludes sensor)
-O2CLN	Certified Oxygen Clean and Bag with Certificate
-TAG	Stainless steel identification tag (Provide Tag ID)