

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

**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>B - 80xx &amp; 86xx Series</b>	
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>B - 81xx &amp; 87xx Series</b>	
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
<b>C</b>	
MPNH	Master-Touch insertion flowmeter, Ordinary Locations Only
<b>D</b>	
-INT	Integral Electronics
-REM	Remote electronics; Ordinary Locations ONLY

\* Consult factory for larger sizes

**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**

<b>A</b>	
-AS40	ASME Schedule 40 Conduit
-T65	Tube, wall 0.065"
-T83	Tube, wall 0.083"
<b>B</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);
<b>C</b>	
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)
<b>D</b>	
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**

<b>A (Range 1)</b>	
-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>B (Range 2 - Optional - Based on Feature 7 selection)</b>	
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**

-CSACUS	Certified to CSA/CUS Standards: Class 2252-03 & 2252-83 for Process Control Equipment in Ordinary Locations Only
-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)