

Eldridge Product, Inc. - Inline Model Series: 800HPN High Purity

Model Number Format

Note, all wetted parts 316L SS unless otherwise specified

Features

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

1 - Meter Type	
800HPN	High Purity, Flow Element (FE), Ordinary Location (Non Explosion Proof)
	A
	B (Type)
-INT	Integral Electronics, Single sided painted aluminum rectangular diecast enclosure

2 - Sensor	
-SSS	VCR Sensor, 316 Stainless Steel up to 400°F (based on Feature 5 selection)

3 - Display	
-D81	Display and Keypad: 2-line 16 character display/4-button keypad

4 - Power	
-IUC24	24 VDC, For integral transmitter only (Non-remote meter)
-IAC115	115 VAC, For integral transmitter only (Non-remote meter)
-IAC230	For integral transmitter only (Non-remote meter)
-RUC24	For remote transmitter only (Requires DQLEX)
-RIAC115	For remote transmitter only (Requires ACLEX)
-RIAC230	For remote transmitter only (Requires ACLEX)

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

* Consult factory for higher temperatures

6 - Flow Body Assembly (Diameter of assembly must match Feature 1B flow body)	
A (Type)	
-T65	- Tube: wall 0.065"
-T83	- Tube: wall 0.083"
-JS5	- JIS - Schedule 5
B (Diameter)	
04	1/2" Flow body assembly (T65, JS5 15A)
06	3/4" Flow body assembly (T65, JS5 20A)
08	1" Flow body assembly (T65, JS5 25A)
10	1-1/4" Flow body assembly (JS5 32A)
12	1-1/2" Flow body assembly (T65, JS5 40A)
16	2" Flow body assembly (T65, JS5 50A)
20	2-1/2" Flow body assembly (JS5 65A)
24	3" Flow body assembly (T83, JS5 80A)
32	4" Flow body assembly (T83, JS5 100A)
C (Ends)	
B	Butt ends
V	(2) VCR end connectors (T65, Sizes 04 through 08)
T	(2) TRI clamp end connector (T65, T83, Sizes 08 through 32)
D (Conditioning Screens)	
P0	No conditioning screens
P2	Two conditioning screens (Not available for 1/2" tube)
E (Ra Finish)	
AP25+	>25 µin Ra finish, Inner Diameter
BA25	25 µin Ra max finish, Inner Diameter
EP10	10 µin Ra max finish, Inner Diameter

* 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
-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	
-NA	{No Approvals / Certifications* (Planned near future)}

* See 8000MP Inline HP Series if Ex certifications are required. (VCR sensor not available in 8000MP Series)

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)
-OZCLN	Certified Oxygen Clean and Bag with Certificate
-TAG	Stainless steel identification tag (Provide Tag ID)