

Eldridge Product, Inc. - Insertion Model Series: 8200MPNH, 8800MPNH

Model Number Format
Note, all wetted parts 316L SS unless otherwise specified

Features		Features		Features		Features		Features		Features		Features		Features	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P

1 - Meter Type

82	Remote Electronics, Insertion	A
85	Insertion Electronics, Insertion	A
86	1/2" OD Probe, Maximum length 36"	B
87	3/4" OD Probe, Maximum length 36"	B
88	1" OD Probe, Maximum length 36"	B
89	1" OD Probe, Maximum length 84"	B
MPNH	Master Touch Insertion (Remote, Ordinary Locations Only)	C
INT	INT, Integral Electronics	D
REM	REM, Remote Electronics for use in Ordinary Locations Only	D

2 - Sensor
(Attention: Rod is for particulate diverter or high velocity - Consult Factory)

HAS	Sensor, C-278 Hastelloy, up to 400°F based on Feature 5
HASAR	Sensor, C-278 Hastelloy, up to 400°F based on Feature 5, Attenuation Rod, Particulate diverter
SSH	Sensor, 316 Stainless Steel, High Temperature -400 to 800°F based on Feature 5
SSS	Sensor, 316 Stainless Steel, up to 400°F based on Feature 5
SSSAR	Sensor, 316 Stainless Steel, up to 400°F based on Feature 5, Attenuation Rod, Particulate diverter
SSPSS	Sensor, 316 Stainless Steel, up to 400°F based on Feature 5, Particulate diverter

3 - Display

-100	NO Display Indicator
-333	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

-MW50	-MW50: Gas Temperature Maximum (125°F / 50°C)
-MW75	-MW75: Gas Temperature Maximum (150°F / 75°C)
-MW100	-MW100: Gas Temperature Maximum (175°F / 100°C)
-MW125	-MW125: Gas Temperature Maximum (200°F / 125°C)
-MW150	-MW150: Gas Temperature Maximum (225°F / 150°C)
-MW175	-MW175: Gas Temperature Maximum (247°F / 175°C)
-MW200	-MW200: Gas Temperature Maximum (292°F / 200°C)
-MW250	-MW250: Gas Temperature Maximum (482°F / 250°C), Only with with SSH sensor (Feature 2), option 7, or 1" OD probe
-MW300	-MW300: Gas Temperature Maximum (572°F / 300°C), Only with with SSH sensor (Feature 2), option 7, or 1" OD probe
-MW350	-MW350: Gas Temperature Maximum (662°F / 350°C), Only with with SSH sensor (Feature 2), option 7, or 1" OD probe
-MW400	-MW400: Gas Temperature Maximum (752°F / 400°C), Only with with SSH sensor (Feature 2), option 7, or 1" OD probe
-MW450	-MW450: Gas Temperature Maximum (842°F / 450°C), Only with with SSH sensor (Feature 2), option 7, or 1" OD probe
-MW500	-MW500: Gas Temperature Maximum (932°F / 500°C), Only with with SSH sensor (Feature 2), option 7, or 1" OD probe
-MW525	-MW525: Gas Temperature Maximum (977°F / 525°C), Only with with SSH sensor (Feature 2), option 7, or 1" OD probe

6 - Probe

40	1/2" Probe	A
50	3/4" Probe	A
60	1" Probe	A
80	6" Long insertion probe support with protective window	B
12	12" Long insertion probe support with protective window	B
18	18" Long insertion probe support with protective window	B
24	24" Long insertion probe support with protective window	B
30	30" Long insertion probe support with protective window	B
36	36" Long insertion probe support with protective window	B
48	48" Long insertion probe support with protective window (3/4" & 1" OD only)	B
60	60" Long insertion probe support with protective window (3/4" & 1" OD only) (Max length 3/4" probe)	B
72	72" Long insertion probe support with protective window (1" OD only)	B
84	84" Long insertion probe support with protective window (1" OD only) (Max length 3/4" probe)	B
NA	No Permanent Mounting Flange	C
F1502	1/2" 150# Raised Face Flange welded to probe	C
F1504	3/4" 150# Raised Face Flange welded to probe	C
F1506	1" 150# Raised Face Flange welded to probe	C
F1508	1-1/2" 150# Raised Face Flange welded to probe	C
F1510	2" 150# Raised Face Flange welded to probe	C
F1512	3" 150# Raised Face Flange welded to probe	C
F1516	4" 150# Raised Face Flange welded to probe	C
F3000	1/2" 300# Raised Face Flange welded to probe	C
F3002	3/4" 300# Raised Face Flange welded to probe	C
F3004	1" 300# Raised Face Flange welded to probe	C
F3006	1-1/4" 300# Raised Face Flange welded to probe	C
F3008	1-1/2" 300# Raised Face Flange welded to probe	C
F3010	2" 300# Raised Face Flange welded to probe	C
F3012	3" 300# Raised Face Flange welded to probe	C
F3014	4" 300# Raised Face Flange welded to probe	C

Consult factory for additional hardware options

7 - Gas Range

-1RC	1 gas range on 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
-1RG	2 selectable flow rate ranges. Internal meters only. Different gases
-2RG	3 selectable flow rate ranges. Internal meters only. Different gases
-3RG	4 selectable flow rate ranges. Internal meters only. Different gases

8 - Calibration Gases

AIR	Air calibration	A (Range 1)
AR	Argon (AR) calibration	A (Range 1)
-C2H4	Ethane (C2H4) calibration	A (Range 1)
-C2H6	Ethane (C2H6) calibration	A (Range 1)
-CH4	Methane (CH4) calibration	A (Range 1)
-CH4/CO2/NO2	Methane/Carbon Dioxide 80% CH4 20% CO2 (Bio-Gas) calibration	A (Range 1)
-CH4/NO2/O2/RS	Methane/Carbon Dioxide 80% CH4 20% CO2 (Bio-Gas) calibration	A (Range 1)
-CO2	Carbon Dioxide (CO2) calibration	A (Range 1)
-HE	Helium (HE) calibration	A (Range 1)
-N2	Nitrogen calibration	A (Range 1)
-NG	Natural Gas (Methane as best estimated gas substitute) calibration	A (Range 1)
-O2	Oxygen (O2) calibration	A (Range 1)
NA	Consult Factory	A (Range 1)

Select Gas (Same as above) 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)

9 - Certificate

-CSA/US	Certified to CSA/US Standards, Class 2252-D3 & 2252-D3 for Process Control Equipment in Ordinary Locations Only
NA	No Approvals / Certifications

10 - Protocol

RS485	RS485 Modbus RTU
BA	BA/Mod
MBMT	RS485 Modbus RTU & HART communications module
MBPB	RS485 Modbus RTU & Profibus DP

Extra Options

-HAST	Hastelloy C-278 wetted parts for insertion flowmeter, probe support and protective window only
-CR14	Wired between Flow Element/Flow Transmitter, FET/RT and Remote Transmitter. Priced by the foot.
-CO2	Certification of O2nd calibrated by Mettler, CA (Not for use in O2nd)
-CIP	Calibration Test Probe
-MM	Mini Manual Reset - Priced per order (Electronic sensor)
-CO2LN	Certified Oxygen Clean and Bag with Certificate
-TAG	Stainless steel identification tag (Provide Tag ID)
-BVR081Z	Ball Valve Retractor (BVR). Operating pressure may need to be reduced upon probe removal. Consult Factory.
-H16(Tao)	(H16 Tao) Ball Valve - 1/2" bore x 1/2" NPT x 1/2" Long, (Operating Pressure 250 PSI)
-H16(LTao)	(H16 Tao) Ball Valve - 1" bore x 1/2" NPT x 1/2" Long, (Operating Pressure 90 PSI)
-H16(LTao)	(H16 Tao) Ball Valve Retractor Assembly, for 1/2" OD probe, 3/4" NPT for installation, (Operating Pressure 500 PSI)
-TPM1	TPM1 Compression, fitting before ferrule: 1/2" bore PSI MAX 25 (1.76 Kpsi/cm2), 1/2" bore with locking collar 250 PSI MAX (17.74 Kpsi/cm2)
-TPM2	TPM2 Compression, fitting before ferrule: 3/4" bore PSI MAX 25 (1.76 Kpsi/cm2), 3/4" bore with locking collar 110 PSI MAX (7.7 Kpsi/cm2)
-TPM3	TPM3 Compression, fitting before ferrule: 1" bore PSI MAX 15 (1 Kpsi/cm2), 1" bore with locking collar 60 PSI MAX (4.2 Kpsi/cm2)

Extra Options - Continued

-FR1502TPM0808S	1/2" 150# RF Flange & compression fitting, with TPM0808S
-FR1502TPM0808T	1/2" 150# RF Flange & compression fitting, with TPM0808T
-FR1502TPM0808C	1/2" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM0808C
-FR1502TPM0808S	3/4" 150# RF Flange & compression fitting, with TPM0808S
-FR1502TPM0808T	3/4" 150# RF Flange & compression fitting, with TPM0808T
-FR1502TPM0808C	3/4" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM0808C
-FR1502TPM1212S	3/4" 150# RF Flange & compression fitting, with TPM1212S
-FR1502TPM1212T	3/4" 150# RF Flange & compression fitting, with TPM1212T
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1616C	1" 150# RF Flange & compression fitting & locking collar cable restraint, with TPM1616C
-FR1502TPM1616S	1" 150# RF Flange & compression fitting, with TPM1616S
-FR1502TPM1616T	1" 150# RF Flange & compression fitting, with TPM1616T
-FR1502TPM1	

Eldridge Product, Inc. - Insertion Model Series: 8200MPNH, 8800MPNH

Extra Options - Continued	
FR3016TPM1616T	2-1/2" 300# RF Flange & compression fitting, with TPM1616T
FR3016TPM1616TC	2-1/2" 300# RF Flange & compression fitting & locking collar cable restraint, with TPM1616TC
FR3012TPM0808S	3" 300# RF Flange & compression fitting, with TPM0808S
FR3012TPM0808T	3" 300# RF Flange & compression fitting, with TPM0808T
FR3012TPM0808TC	3" 300# RF Flange & compression fitting & locking collar cable restraint, with TPM0808TC
FR3012TPM1212S	3" 300# RF Flange & compression fitting, with TPM1212S
FR3012TPM1212T	3" 300# RF Flange & compression fitting, with TPM1212T
FR3012TPM1212TC	3" 300# RF Flange & compression fitting & locking collar cable restraint, with TPM1212TC
FR3012TPM1616S	3" 300# RF Flange & compression fitting, with TPM1616S
FR3012TPM1616T	3" 300# RF Flange & compression fitting, with TPM1616T
FR3012TPM1616TC	3" 300# RF Flange & compression fitting & locking collar cable restraint, with TPM1616TC
FR3016TPM0808S	4" 300# RF Flange & compression fitting, with TPM0808S
FR3016TPM0808T	4" 300# RF Flange & compression fitting, with TPM0808T
FR3016TPM0808TC	4" 300# RF Flange & compression fitting & locking collar cable restraint, with TPM0808TC
FR3016TPM1212S	4" 300# RF Flange & compression fitting, with TPM1212S
FR3016TPM1212T	4" 300# RF Flange & compression fitting, with TPM1212T
FR3016TPM1212TC	4" 300# RF Flange & compression fitting & locking collar cable restraint, with TPM1212TC
FR3016TPM1616S	4" 300# RF Flange & compression fitting, with TPM1616S
FR3016TPM1616T	4" 300# RF Flange & compression fitting, with TPM1616T
FR3016TPM1616TC	4" 300# RF Flange & compression fitting & locking collar cable restraint, with TPM1616TC