

Mid-West[®] Instrument

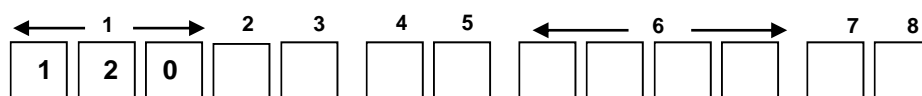
MODEL SPECIFICATIONS

Example Model Number Sequence: 120AA-00-00

3,000 PSIG Working Pressure, Aluminum Body & End Plugs, Stainless Steel Piston,
Ceramic Magnet, Buna-N Seals, 1/4" FNPT Back Connections,
2-1/2" Round Dial, Engineered Plastic Dial Case with Shatter Resistant Acrylic Lens
Accuracy $\pm 3/2/3\%$ Full Scale (Ascending)

Range: Min.0-5 PSID to Max.0-110PSID (0.35 to 7.0 bar)

Gauge Body and Internal components are considered wetted parts.



Basic Model

Range: _____

2	Material (Proof Pressure: Two times rated working pressure)
A	Aluminum Body / Stainless Steel Piston (3,000 Psig Safe Working Pressure)
S	316 S.S Body / Stainless Steel Piston (6,000 Psig Safe Working Pressure)
M	Monel Body / Monel Piston (5,000 Psig Safe Working Pressure) <i>See Bulletin_120MALBZ for complete specifications</i>
N	Aluminum Bronze Body / Monel Piston (5,000 Psig Safe Working Pressure) <i>See Bulletin_120MALBZ for complete specifications</i>
Z	Special (Un-coded Options)
3	Dial Size & Type
A	2-1/2" Round Dial w/Engineered Plastic Dial Case
C	4-1/2" Round Dial w/Engineered Plastic Dial Case
D	4-1/2" Round Bi-Directional Dial w/Engineered Plastic Dial Case
E	3-1/2" Round Dial w/Anodized Aluminum Dial Case
G	4-1/2" Round Dial w/Anodized Aluminum Dial Case
H	4-1/2" Round Bi-Directional Dial w/Anodized Aluminum Dial Case
J	6" Round Dial w/Engineered Plastic Dial Case (<i>Not available with G, H, J or K Switch Options</i>)
K	6" Round Bi-Directional Dial w/Engineered Plastic Dial Case (<i>Not available with G, H, J or K Switch Options</i>)
T	Non-Indicating DP Switch Only
Z	Special (Un-coded Options)
4	Seal Materials
0	Buna-N (Standard)
1	Viton®-A Registered Trademark of Dupont
2	Neoprene
4	Teflon®-A Registered Trademark of Dupont
5	Ethylene Propylene
6	Perfluorelastomers
9	Special (Un-coded Options)
5	Process Connections
0	1/4" FNPT Back Connections (Standard) (<i>Not available on M & N body materials</i>)
2	1/4" FNPT End Connections
3	1/4" FNPT Bottom Connections (<i>Not available on M & N body materials</i>)
4	1/2" FNPT End Connections (<i>Not available on M & N body materials</i>)
6	7/16"-20 Straight Thread "O" Ring Port (Back Connection) (<i>Not available on M & N body materials</i>)
9	Special (Un-coded Options)

Model 120 - continued

6	Additional Options
O	None
A	Reversed High / Low Process Connections. <i>(Not available with Electrical options J & K)</i>
C	Mounting Holes in Gauge Body for Field Mounting Electrical Configurations Options A & B
D	Mounting Holes in Gauge Body for Field Mounting Electrical Configurations Options L & M
E	Two (2) 1/4-20 Mounting Holes <i>(Not available with C, D, E or F electrical switch options)</i>
F	Carbon Steel 2" Pipe Mounting Kit <i>(Not available with C, D, E or F electrical switch options)</i>
G	Stainless Steel 2" Pipe Mounting Kit <i>(Not available with C, D, E or F electrical switch options)</i>
K	1/2" FNPT S.S. Adapter <i>(Not available with E or F switch option combined w/back connections)</i>
L	Liquid Fill <i>(4-1/2" available with "G" option Aluminum Dial Case only)</i> <i>(Not available with shatterproof glass lens)</i>
M	Maximum Indicator Follower Pointer <i>(Not available w/3-1/2", 6" Dial or Liquid fill options)</i> <i>(Not available with shatterproof glass lens)</i>
N	NACE <i>(Available for Aluminum, Stainless Steel and Monel Gauge Bodies Only)</i>
Q	CRN (Canadian Registration Number) <i>Available on Aluminum or S.S. Body only (1)</i>
S	Shatter Proof Glass Lens <i>(4-1/2" available only with option "G" Aluminum Dial Case)</i> <i>(Not available with liquid fill option)</i>
T	Oxygen Cleaning
U	Stainless Steel Tag with S.S. Wire
V	Stainless Steel Tag and S.S. Screw <i>(Contact Factory on Switch Options)</i> <i>Not available on Gauge Body for Hazardous Locations</i>
W	Wall Mount Kit <i>(Not available with back connections or with C, D, E or F switch options)</i>
Z	Special <i>(Un-coded Options)</i>
(1) 5000 PSI SWP for Stainless Steel	
NOTE: Not All Options Available in Combination with other Options	
7	Electrical Configurations (CE Marked & ROHS Compliant, except E, F, J & K) (6)
O	None
A	One (1) Switch in standard enclosure with grommet Wire Seal
B	Two (2) Switch in standard enclosures with grommet Wire Seal
C	One (1) Switch in standard enclosure with 1/4" FNPT electrical connection NEMA 4X
D	Two (2) Switch in standard enclosures with 1/4" FNPT electrical connection NEMA 4X
E	One (1) Switch in general purpose enclosure, Division 2 Hazardous Locations (1) (3) (4) (5)
F	Two (2) Switches in general purpose enclosure, Division 2 Hazardous Locations (1) (3) (4) (5)
G	One (1) Switch & gauge in NEMA 4X plastic enclosure <i>(Not available with end connections)</i>
H	Two (2) Switches & gauge in NEMA 4X plastic enclosure <i>(Not available with end connections)</i>
J	One (1) Switch in explosion proof enclosure w/glass window cover, Div. 1 Hazardous Locations (2) (3) (4) (5)
K	Two (2) Switches in explosion proof enclosure w/glass window cover, Div.1 Hazardous Locations (2) (3) (4) (5)
L	One (1) Switch in standard enclosure with plug-in connector (DIN 43650/IP65-PG11)
M	Two (2) Switch in standard enclosures with plug-in connector (DIN 43650/IP65-PG11)
Z	Special <i>(Un-coded Options)</i>
(1) Complete assembly 3rd Party Certified Class I, Div.2, Groups A, B, C, & D; Class II, Div.2, Groups F and G.	
(2) Complete assembly 3rd Party Certified Class I, Div.1, Groups C & D; Class II, Div. 1, Groups E, F, & G.	
(3) 5000 PSIG SWP for Stainless Steel: 3000 PSIG SWP for Aluminum	
(4) Not available in M and N material options	
(5) 1/2" FNPT conduit connection	
(6) Contact factory for Bi-directional scales with switches	
8	Electrical Specifications (For Resistive Loads)
O	None
A	SPDT 3W, 0.25 Amp, 125 VAC/VDC (Switch adjustable range of 10-90%)
E	SPST 60W, 3.0 Amp, 240 VAC/VDC (Normally Open) (Switch adjustable range of 25-95%)
F	SPST 60W, 3.0 Amp, 240 VAC/VDC (Normally Closed) (Switch adjustable range of 25-95%)
G	SPST 60W, 3.0 Amp, 240 VAC/VDC (1) Normally Open, (1) Normally Closed (Switch adjustable range of 25-95%)
H	SPDT 60W, 1.0 Amp, 240 VAC/VDC (Switch adjustable range of 25-100%)
Z	Special <i>(Un-coded Options)</i>
Temperature Limits: -40°F (-40°C) to +200°F (+93°C)	

Factory preset switches at no charge (Specify Setting)