

Mid-West[®] Instrument

MODEL SPECIFICATIONS

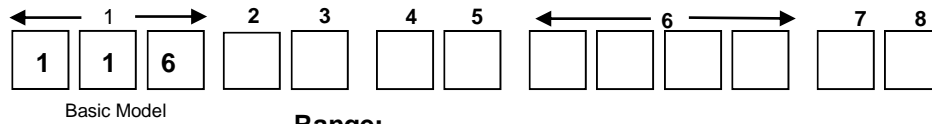
Example Model Number Sequence: 116BB10-AP-O

500 PSIG Working Pressure, Brass Body, Stainless Steel Bellows, Stainless Steel Internals
 Viton Seals, ¼" FNPT Dual Top & Bottom Process Connections, 6" Uni-Directional Round Dial,
 Brass snubber fittings mounted in bottom process connections, Panel mount gauge front
 Weather Resistant Engineered Plastic Case with Shatter Resistant Acrylic Lens,
 Accuracy ±1% Full Scale (Ascending)

Range 115: 0-10" H₂O to 0-69.9" H₂O (0-125 mbar to 0-2.5 PSID)

Range 116: 0-70" H₂O to 0-800" H₂O (0-2.5 PSID to 0-30 PSID)

Gauge Body and Internal components are considered wetted parts.



2	Material
B	500 PSIG, Brass Body, Stainless Steel Internals
Z	Special (<i>Un-coded Options</i>)
3	Dial Size Type
B	Accuracy ±1% Full Scale Uni-Directional, White on Black Dial
W	Accuracy ±1% Full Scale Uni-Directional, Black on White Dial
Z	Special (<i>Un-coded Options</i>)
4	Seal Materials
0	Buna-N
1	Viton®-A Registered Trademark of Dupont (<i>Standard</i>)
5	Ethylene Propylene
9	Special (<i>Un-coded Options</i>)
5	Process Connections / Orientation
0	¼" FNPT Dual Top & Bottom (Hi port on the right side when facing the dial) (<i>Standard</i>)
1	¼" FNPT Dual Top & Bottom (Hi port on the left side when facing the dial)
9	Special (<i>Un-coded Options</i>)
6	Additional Options
O	None
A	Brass snubber fittings mounted in bottom process connections (<i>Standard</i>)
B	Brass snubber fittings mounted in top process connections
D	¾" NPT S.S. Stub Mount Bracket
F	Carbon Steel 2" Pipe Mounting Kit
J	3-Valve S.S. Mini-Manifold #113343 mounted to bottom process connections (<i>1/4" FNPT Process Connections</i>)
K	3-Valve S.S. Manifold #107470 mounted to bottom process connections (<i>1/2" FNPT Process Connections</i>)
L	3-Valve S.S. Direct Mount Manifold mounted to bottom process connections (<i>1/4" FNPT Process Connections</i>)
P	Panel Mount Kit
Q	CRN (Canadian Registration Number)
S	Shatter Proof Glass Lens
T	Oxygen Cleaning
U	Stainless Steel Tag with S.S. Wire
Z	Special (<i>Un-coded Options</i>)

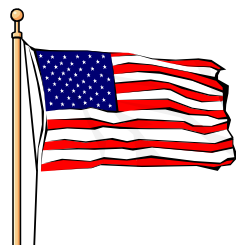
Model 115/116 - continued

7	Electrical Configurations
O	None
A	One (1) Switch in Weather Resistant Enclosure <i>Accuracy ±2% (Descending Pressure)</i>
B	Two (2) Switches in Weather Resistant Enclosure <i>Accuracy ±4%</i> 0-80" – 199" H2O only. (Descending Pressure) <i>Accuracy ±2%</i>
C	One (1) Switch in Weather Resistant Housing with Condulet Enclosure <i>Accuracy ±2% (Descending Pressure)</i>
D	Two (2) Switches in Weather Resistant Housing with Condulet Enclosure <i>Accuracy ±4%</i> 0-80" – 199" H2O only. (Descending Pressure) <i>Accuracy ±2%</i>
Z	Special (<i>Un-coded Options</i>)
Switches CSA Listed, Type 4, Industrial Control Equipment Accuracies and repeatability values for 2 switch units are based upon one switch set low (approximately 25% for FSR) and one switch set High approx. 75% FSR.).	
8	Electrical Specifications
A	SPDT Micro Switch High Current Contact Ratings.(MAX): 4 Amps Maximum @ 30 VDC 3 Amps maximum @ 240 VAC 5 Amps @ 120 VAC
Z	Special (<i>Un-coded Options</i>)
Electrical Interface: 18", 18 Awg, 600 V, 105°C / Color coded wire leads from 1/2" FNPT Connection Operating Temperature: -20° F to +185° F	

Factory preset switches at no charge (Specify Setting)

The Mid-West Instrument Advantage:

- Engineered Plastic gauge front and optional stainless steel body bolts provide superior corrosion resistance.
- Up to a 30 lb. weight savings over competitive range gauges
- Easier and less labor to panel mount
- Dry gauge design with no internal liquid fill
- No gauge damage/accuracy loss caused by liquid fill expansion/contraction when exposed to temperature shocks.
- Low range capability
- Industry best lead time reduces inventory requirements



MADE IN USA