

# Mid-West<sup>®</sup> Instrument

## MODEL SPECIFICATIONS

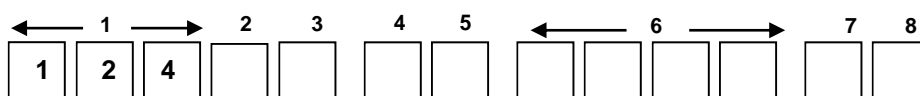
### Example Model Number Sequence: 124SA-00-00

10,000 PSIG Working Pressure, 316L Stainless Steel Body, 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: 0-5 PSID to 0-110 PSID (0-.35 bar to 0-7.0 bar)

Range: 0-150 PSID to 0-400 PSID (0-10.3 bar to 0-27.5 bar) *(End connections only)*

*Gauge Body and Internal components are considered wetted parts.*



Basic Model

Range: \_\_\_\_\_

<b>2</b>	<b>Material</b>
<b>S</b>	316 S.S Body / Stainless Steel Piston
<b>Z</b>	Special <i>(Un-coded Options)</i>
<b>3</b>	<b>Dial Size &amp; Type</b>
<b>A</b>	2-1/2" Round Dial w/Engineered Plastic Dial Case
<b>C</b>	4-1/2" Round Dial w/Engineered Plastic Dial Case
<b>E</b>	3-1/2" Round Dial w/Anodized Aluminum Dial Case
<b>G</b>	4-1/2" Round Dial w/Anodized Aluminum Dial Case
<b>J</b>	6" Round Dial w/Engineered Plastic Dial Case
<b>T</b>	Non-Indicating DP Switch Only
<b>Z</b>	Special <i>(Un-coded Options)</i>
<b>4</b>	<b>Seal Materials</b>
<b>0</b>	Buna-N <b>(Standard)</b>
<b>1</b>	Viton®-A Registered Trademark of Dupont
<b>5</b>	Ethylene Propylene
<b>9</b>	Special <i>(Un-coded Options)</i>
<b>5</b>	<b>Process Connections</b>
<b>0</b>	1/4" FNPT Back Connections <b>(Standard)</b>
<b>2</b>	1/4" FNPT End Connections
<b>4</b>	1/2" FNPT End Connections
<b>9</b>	Special <i>(Un-coded Options)</i>

## Model 124 - continued

6	Additional Options
<b>O</b>	NONE
<b>A</b>	Reversed High / Low Process Connections <i>(Not available with switch or transmitter)</i>
<b>E</b>	Two (2) 1/4-20 Mounting Holes
<b>F</b>	Carbon Steel 2" Pipe Mounting Kit
<b>G</b>	Stainless Steel 2" Pipe Mounting Kit
<b>K</b>	1/2" FNPT S.S. Adapter <i>(Back Connections Only)</i>
<b>L</b>	Liquid Fill <i>(4-1/2" available with "G" option Aluminum Dial Case only) (Not available with shatter proof lens)</i>
<b>M</b>	Maximum Indicator Follower Pointer <i>(Not available with 3-1/2", 6" Dial or Liquid fill) (Not available with shatterproof glass lens)</i>
<b>N</b>	NACE
<b>S</b>	Shatter Proof Glass Lens <i>(4-1/2" available with "G" option Aluminum Dial Case only)(Not available with liquid fill option)</i>
<b>T</b>	Oxygen Cleaning
<b>U</b>	Stainless Steel Tag with S.S. Wire
<b>W</b>	Wall Mount Kit <i>(Not available with back connections)</i>
<b>Z</b>	Special <i>(Un-coded Options)</i>
<i>NOTE: Not All Options Available in Combination with other Options</i>	
7	Electrical Configurations (All switches CE and ROHS marked)
<b>O</b>	NONE
<b>C</b>	One (1) Reed switch in NEMA 4X/IP65 Plastic enclosure with terminal strip <b>(1/2" FNPT Conduit Connection)</b>
<b>D</b>	Two (2) Reed switches in NEMA 4X/IP65 Plastic enclosure with terminal strip <b>(1/2" FNPT Conduit Connection)</b>
<b>T</b>	4-20 mA Transmitter in NEMA 4X/IP65 Plastic enclosure with terminal strip <b>(1/2" FNPT Conduit Connection)</b> Temperature Limit: -20°F(-28°C) to +150°F(+65°C)
<b>Z</b>	Special <i>(Un-coded Options)</i>
8	Electrical Specifications (For Resistive Loads)
<b>O</b>	NONE
<b>A</b>	SPDT 3W, 0.25 Amp, 125 VAC/VDC (Switch adjustable range of 15-90%)
<b>E</b>	SPST 60W, 3.0 Amp, 240 VAC/VDC (Normally Open) (Switch adjustable range of 25-95%)
<b>F</b>	SPST 60W, 3.0 Amp, 240 VAC/VDC (Normally Closed) (Switch adjustable range of 25-95%)
<b>G</b>	SPST 60W, 3.0 Amp, 240 VAC/VDC (1) Normally Open, (1) Normally Closed (Switch adjustable range of 25-95%)
<b>T</b>	4-20 mA Transmitter (8-28 VDC Loop Power) ( ±2% accuracy from 20% to 100% of scale. Ascending)
<b>Z</b>	Special <i>(Un-coded Options)</i>

**MID-WEST INSTRUMENT** has been serving a variety of industries (Power, Chemical, Petro-Chemical, HVAC, Water Filtration etc...) for over 50 years. Over 700,000 piston type units have been produced bearing the Mid-West name or private branded for our OEM customers!

Mid-West understands that in today's demanding environment, flexibility, quick response time and the ability to ship most of our product line in 2 weeks or less is essential to our customers. Standard configurations can be customized and modified to suit our customer's needs for ease of installation or retrofit.

If you are in need of additional information please visit our web site at [www.midwestinstrument.com](http://www.midwestinstrument.com) or contact us toll free at **1-800-648-5778** and one of our knowledgeable sales coordinators will be happy to assist you...