

Mid-West[®] Instrument

MODEL SPECIFICATIONS

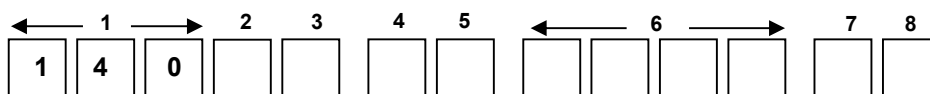
Example Model Number Sequence: 140-AA-00-00

3000 PSIG Working Pressure, Aluminum body, 316L Stainless Steel Internal Metal Parts, Ceramic Magnets, Buna-N Diaphragm and Seals, Teflon Guide Bushings, 1/4" FNPT Back Connections, 2-1/2" Round Dial, Engineered Plastic Dial Case with Shatter Resistant Acrylic Lens

0-50" H2O to 0-399" H2O Accuracy ±5% F.S. (Ascending)
 0-15 PSID to 0-100 PSID Accuracy ±3/2/3% F.S (Ascending)

Range 0-50" H2O to 0-100 PSID (0-125 mbar to 0-7.0 bar)

Gauge Body and Internal components are considered wetted parts.



Basic Model

Range: _____

2	Material
A	Aluminum Body / 316 Stainless Steel Internal Metal Parts & Teflon Guide Bushings
B	Brass Body / 316 Stainless Steel Internal Metal Parts & Teflon Guide Bushings
S	316 Stainless Steel Body / 316 Stainless Steel Internal Metal Parts & Teflon Guide Bushings
Z	Special (<i>Un-coded Options</i>)
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
E	3-1/2" Round w/Anodized Aluminum Dial Case
G	4-1/2" Round w/Anodized Aluminum Dial Case
J	6" Round w/Engineered Plastic Dial case
T	Non-Indicating DP Switch Only
Z	Special (<i>Un-coded Options</i>)
4	Seal Materials
0	Buna-N (<i>Standard</i>)
1	Viton®-A Registered Trademark of Dupont
2	Silicone
5	Ethylene Propylene
9	Special (<i>Un-coded Options</i>)
5	Process Connections
0	1/4" FNPT Back Connections (<i>Standard</i>)
2	Dual 1/4" FNPT Top & Bottom Connections (<i>Non-Electrical Option Units Only</i>)
3	1/4" FNPT Bottom Connections
4	7/16"-20 straight thread O-Ring (<i>Back Connections only</i>)
7	1/2" FNPT End Connections (<i>2000 PSIG SWP for S.S. & Aluminum Gauge Body</i>) (<i>Not available with C & D switch options</i>)
8	1/4" FNPT End Connections (<i>2000 PSIG SWP for S.S. & Aluminum Gauge Body</i>) (<i>Not available with C & D switch options</i>)
9	Special (<i>Un-coded Options</i>)

Model 140 - continued

6	Additional Options
O	None
A	Reversed High / Low Process Connections. <i>(Not available with electrical options C, D, T & W)</i>
E	Two (2) 1/4-20 Mounting Holes
F	Carbon Steel 2" Pipe Mounting Kit <i>(Not available with reversed port switch option)</i>
G	Stainless Steel 2" Pipe Mounting Kit <i>(Not available with reversed port switch option)</i>
K	1/2" FNPT Stainless Steel Adapters <i>(Not available with end connections)</i>
L	Liquid Fill <i>(4-1/2" available with "G" option Aluminum Dial Case only) (Not available with shatterproof glass lens)</i>
M	Maximum Indicator Follower Pointer <i>(Not available with 3-1/2", 6" or Liquid fill option) (Not available with shatterproof glass lens)</i>
N	NACE <i>(Available for Aluminum & Stainless Steel Gauge Bodies only)</i>
Q	CRN (Canadian Registration Number) <i>Available for Aluminum or S.S. Body only (1)</i>
S	Shatter Proof Glass Lens <i>(4-1/2" available only available with option "G" Aluminum Dial Case) (Not available with liquid fill)</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>
W	Wall Mount Kit
X	Chemical Seals
Z	Special (Un-coded Options)
	(1) 2,000 PSIG SWP for Aluminum Body
	NOTE: Not All Options Available in Combination with other Options
7	Electrical Configurations (CE and ROHS marked, except C, D, T & W)
O	None
A	One (1) Reed Switch in NEMA 4X/IP66 Enclosure
B	Two (2) Reed Switches in NEMA 4X/IP66 Enclosure
C	One (1) Switch in Explosion Proof Enclosure. Division 1 Hazardous Locations (1)
D	One (2) Switches in Explosion Proof Enclosure. Division 1 Hazardous Locations (1)
E	One (1) Reed Switch in NEMA 4X/IP66 Aluminum Enclosure, Division 2 Hazardous Locations (2)(3)
F	Two (2) Reed Switches in NEMA 4X/IP66 Aluminum Enclosure, Division 2 Hazardous Locations (2)(3)
T	4-20 mA Transmitter in NEMA-4X/IP66 aluminum enclosure
W	4-20 mA Transmitter in general purpose enclosure, Division 2 Hazardous Locations (2)(3)(4)
Z	Special (Un-coded Options)
	(1) Complete assembly 3rd Party Certified Class I, Div.1, Groups C & D; Class II, Div. 1, Groups E, F, & G.
	(2) Complete assembly 3rd Party Certified Class I, Div.2, Groups A, B, C, & D; Class II, Div.2, Groups F and G.
	(3) 1625 PSI SWP for NACE in combination with E, F and W electrical configuration
	(4) Contact factory for tank level or flow applications with transmitter configuration
8	Electrical Specifications (For Resistive Loads)
O	None
A	SPDT 3W, 0.25 Amp, 125 VAC/VDC (Switch adjustable range of 15-90%)
B	SPST, 25W, 0.5 Amp., 230 VAC/VDC (Normally Open) (Switch adjustable range of 15-90%)
T	4-20 mA Transmitter (8-28 VDC Loop Power) (\pm 2% Accuracy from 20-100% of scale, Ascending)
Z	Special (Un-coded Options)

Factory preset switches at no charge (Specify Setting)

MID-WEST INSTRUMENT has been serving a variety of industries (Power, Chemical, Petro-Chemical, HVAC, Water Filtration etc...) for over 50 years. Over 1,000,000 DP Gauges 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 or contact us toll free at **1-800-648-5778** and one of our knowledgeable sales coordinators will be happy to assist you.