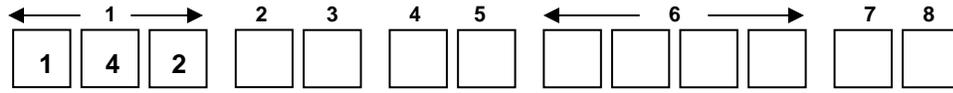


Standard Model Number Sequence: 142-AJ-00-00

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,
6" Round Dial, Engineered Plastic Dial Case with Shatter Resistant Acrylic Lens
Accuracy $\pm 3/2/3\%$ Full Scale (Ascending)

Range 0-20" H₂O to 0-25 PSID (0-50 mbar to 0-1.7 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 Dial w/Anodized Aluminum Dial Case
G	4-1/2" Round Dial w/Anodized Aluminum Dial Case
J	6" Round Dial 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
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>)
8	1/4" FNPT End Connections (<i>2000 PSIG SWP for S.S. & Aluminum Gauge Body</i>)
9	Special (<i>Un-coded Options</i>)

Model 142 - continued

6	Additional Options
O	NONE
A	Reversed High / Low Process Connections. <i>(Not available with T or W transmitter options)</i>
E	Two (2) 1/4-20 Mounting Holes
F	Carbon Steel 2" Pipe Mounting Kit <i>(Not available with reverse port switch option)</i>
G	Stainless Steel 2" Pipe Mounting Kit <i>(Not available with reverse port switch option)</i>
K	1/2" FNPT Stainless Steel Adapters <i>(Not available with end connections)</i>
L	Liquid Fill <i>(Glycerin Fill Standard)</i> (2) <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 Available for Aluminum & Stainless Steel Gauge Bodies only. <i>(1,500 PSIG SWP)</i>
Q	CRN (Canadian Registration Number) <i>(1)</i>
R	Special 54 mm Port Spacing for direct mount manifolds.
S	Shatter Proof Glass Lens <i>(4-1/2" available with "G" option Aluminum Dial Case only)</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>
W	Wall Mount Kit
X	Chemical Seals
Z	Special <i>(Un-coded Options)</i>
	<i>(1) 1,375 PSIG SWP for Aluminum , Brass and Stainless steel Bodies</i>
	<i>(2) Silicone Fill available please contact factory</i>
NOTE: Not All Options Available in Combination with other Options	
7	Electrical Configurations (CE and ROHS marked, except T & W)
O	None
A	One (1) Reed Switch in NEMA 4X/IP66 Enclosure
B	Two (2) Reed Switches in NEMA 4X/IP66 Enclosure
E	One (1) Reed Switch in NEMA 4X/IP66 Aluminum Enclosure, Division 2 Hazardous Locations (1)(2)
F	Two (2) Reed Switches in NEMA 4X/IP66 Aluminum Enclosure, Division 2 Hazardous Locations (1)(2)
T	4-20 mA Transmitter in NEMA-4X/IP66 aluminum enclosure (3)
W	4-20 mA Transmitter in general purpose enclosure, Division 2 Hazardous Locations (1)(2)(3)
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) 1375 PSIG SWP for E, F & W Hazardous locations electrical configurations
	(3) Contact factory for tank level or flow applications with transmitter configuration
8	Electrical Specifications (For Resistive Loads)
A	SPDT 3W, 0.25 Amp, 125 VAC/VDC <i>(Switch adjustable range of 15-95%)</i>
B	SPST, 25W, 0.5 Amp., 230 VAC/VDC <i>(Normally Open)</i> <i>(Switch adjustable range of 15-95%)</i>
T	4-20 mA Transmitter (8-28 VDC Loop Power) <i>(± 2% Accuracy from 20-100% of scale, Ascending)</i>

MID-WEST INSTRUMENT has been serving a variety of industries (Power, Chemical, Petro-Chemical, HVAC, Water Filtration etc...) for over 50 years. Over 2,000,000 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.

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