

Mid-West[®] Instrument

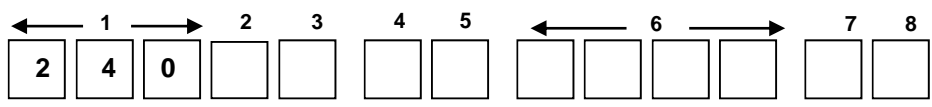
MODEL SPECIFICATIONS

Example Model Number Sequence: 240AC-02-O-JAA

1500 PSIG Working Pressure, Aluminum wetted pressure containing body assembly, Stainless Steel/Ceramic Magnet internals, Buna-N Seals, 1/4" FNPT End Connections, 4-1/2" Round Dial Engineered Plastic Dial case w/Shatter Resistant Acrylic Lens, (1) 3W 125 VAC/VDC SPDT reed switch with terminal strip, Aluminum explosion proof switch enclosure and 1/2" FNPT electrical access.
Accuracy ±3/2/3% Full Scale (Ascending)

Range 0-20 IN. H₂O to 0-100 PSID (0-50 mbar to 0-7.0 bar)

Gauge Body and Internal components are considered wetted parts.



Basic Model

Range: _____

2	Material
A	Aluminum Wetted Pressure Containing Body, Stainless Steel / Ceramic Magnet Internals
S	316/316L S.S Wetted Pressure Containing Body Assembly / Stainless Steel / Ceramic Magnet Internals
Z	Special (<i>Un-coded Options</i>)
3	Dial Size & Type
C	4-1/2" Round Dial w/Engineered Plastic Dial Case
F	4-1/2" Round Dial w/Anodized Aluminum Dial Case
T	Non-Indicating DP Switch Only (<i>with select electrical options</i>)
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
2	1/4" FNPT End Connections (<i>Standard</i>)
7	1/2" FNPT End Connections
9	Special (<i>Un-coded Options</i>)
6	Additional Options
O	None
F	Carbon Steel 2" Pipe Mounting Kit
G	Stainless Steel 2" Pipe Mounting Kit
M	Maximum Indicator Follower Pointer (<i>Not available with Electrical Configurations R, S & T</i>)
Q	CRN (<i>Canadian Registration Number</i>)
S	Shatter Proof Glass Lens (<i>Available with 4-1/2" Aluminum Dial Case only</i>)
T	Oxygen Cleaning
U	Stainless Steel Tag with S.S. Wire
V	Stainless Steel Tag with S.S. Screw
Z	Special (<i>Un-Coded Options</i>)

NOTE: Not All Options Available in Combination with other Options

Model 240 - continued

7	"MODEL 240" ELECTRICAL CONFIGURATIONS (T6 Temperature Class unless specified)
A	One (1) Control switch in NEMA-4X enclosure (1) (6) (8)
B	Two (2) Control switches in NEMA-4X enclosure (1) (6) (7) (8)
J	One (1) Control switch in NEMA 7 (Explosion Proof Enclosure) (2)
K	Two (2) Control switches in NEMA 7 (Explosion Proof Enclosure) (2) (7)
R	One (1) Control switch in Ex d Enclosure (CE marked) ATEX / IECEx (2) (9)
S	Two (2) Control switches in Ex d Enclosure (CE marked) ATEX / IECEx (2) (7) (9)
T	4-20 mA Transmitter in NEMA7/EEExd (Explosion Proof Enclosure) (9) <i>(Temperature Limits -20°F to +150°F) Transmitter not yet CSA or UL certified</i>
Z	Special (<i>Un-coded Options</i>)
8	"INPUT OPTIONS" ELECTRICAL SPECIFICATIONS (Select (1) input and (1) output option)
A	No Input power for reed outputs A, E, F, G & H
B	5/6 VDC
C	12 VDC
D	24 VDC
E	48 VDC
F	24 VAC
G	120 VAC
H	240 VAC
T	8-28 Vdc Loop Power (Option T only)
"OUTPUT OPTIONS" ELECTRICAL SPECIFICATIONS (Resistive Load) (3)	
A	SPDT, 3W, 0.25 Amp., 125 VAC/VDC <i>(Switch Adjustable 15-100% of full scale ascending) 60 PSID & Above 25-100% of full scale ascending)</i>
E	SPST, 60W, 3.0 Amp., 240 VAC/VDC (Normally Open) <i>(Switch Adjustable 15-100% of full scale ascending) 60 PSID & Above 25-100% of full scale ascending)</i>
H	SPDT, 60W, 1.0 Amp., 240 VAC/VDC <i>(Switch Adjustable 25-100% of full scale ascending)</i>
R	DPDT, Relay, 10A @ 30 VDC, 120/240 VAC (7) (8) <i>(Switch Adjustable 15-100% of full scale ascending) 60 PSID & Above 25-100% of full scale ascending)</i>
T	4-20 mA Transmitter in general purpose enclosure, 3rd Party Certified Division 2 Hazardous Locations with Terminal Strip / 1/2" FNPT Conduit Connection <i>(±2% accuracy from 20-100% of full scale ascending)</i>
Z	Special (Contact Factory)
(1) Complete Assy. 3 rd Party Certified. Rated Class I, Div II, Groups A, B, C & D; Class II Div II Groups F&G (<i>R output excluded</i>)	
(2) Complete Assy. 3 rd Party Certified. Rated Class I, Div I, Groups B, C & D; Class II Div I Groups E, F&G	
(3) For output options A through H, the product switching voltage and current shall not exceed power rating.	
(6) Enclosure Type 4/4X	
(7) For electrical configuration B, K & S, SPDT relay output only	
(8) Electrical configuration A & B in combination with Output Option R is not rated for Hazardous Locations	
(9) ATEX / IECEx Rated CE marked Ex d IIB + H ₂ , Ex tb IIIC, IP65 (3000 PSIG SWP)	
(10) Not Available with Electrical Configurations R & S	

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.