

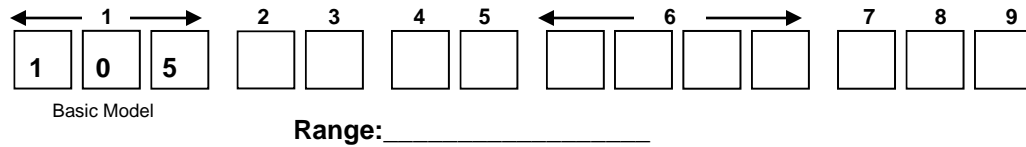
Standard Model Number Sequence: 105-FE-00-00 / 106-FE-00-00

1500 PSIG Working Pressure, Aluminum Body, Stainless Steel Bellows, Stainless Steel Internals
 Buna-N Seals, 1/4" FNPT Dual Top & Bottom Connections, 6" Uni-Directional Round Dial,
 Weather Resistant Engineered Plastic Case with Shatter Resistant Acrylic Lens,
 Accuracy ±1% Full Scale (Ascending)

Range 105: 0-10 IN H2O to 0-79.9 IN H2O (0-.4 PSID to 0-2.9 PSID)

Range 106: 0-80 IN H2O to 0-800 IN H2O (0-3 PSID to 0-30 PSID)

Gauge Body and Internal components are considered wetted parts



2	Material (Not All Options Available in Combination with other Options)
F	1500 PSIG, Aluminum Body, Stainless Steel Internals
G	3000 PSIG, Aluminum Body, Stainless Steel Internals
M	1500 PSIG, Mild Carbon Steel Body, Stainless Steel Internals
N	3000 PSIG, Mild Carbon Steel Body, Stainless Steel Internals
Q	1500 PSIG, 316 Stainless Steel Body, Stainless Steel Internals
R	3000 PSIG, 316 Stainless Steel Body, Stainless Steel Internals
T	6000 PSIG, 316 Stainless Steel Body, Stainless Steel Internals
X	1500 PSIG, Brass Body, Stainless Steel Internals
Y	500 PSIG, Brass Body, Stainless Steel Internals
3	Dial Size Type
E	Accuracy ±1% Full Scale Uni-Directional Dial w/Engineered Plastic Dial Case (Standard)
F	Accuracy ±1% Total Span Bi-Directional Dial w/Engineered Plastic Dial Case
G	Accuracy ±1/2% Full Scale Uni-Directional Dial w/Engineered Plastic Dial Case (30" WC & above only)**
Z	Special (Un-coded Options) <i>Note **G" Option not available for square root dials</i>
4	Seal Materials
0	Buna-N (Standard)
1	Viton®-A Registered Trademark of Dupont
5	Ethylene Propylene
9	Special (Un-coded Options)
5	Process Connections
0	1/4" FNPT Top & Bottom Connections (Standard)
9	Special (Un-coded Options)

Proof Pressure: Two times rated working pressure or 10,000 PSI whichever is lower at ambient temperature.

Temperature Limits:
 "Gauge Only" -40°F (-40°C) to +200°F (+95°C)
 "Locked Logic Switch" -40°F (-40°C) to +160°F (+70°C)
 "Micro Switch" -20°F (-29°C) to +185°F (+85°C)

These limits are based on the entire instrument being saturated to these temperatures. System (process) temperatures may exceed these limitations with proper installation. Contact our customer service representative for details.

Model 105 / 106 - continued

6	Additional Options
O	NONE
F	Carbon Steel 2" Pipe Mounting Kit
G	Stainless Steel 2" Pipe Mounting Kit
H	1/4" Carbon Steel Compression Tube Fittings
J	1/4" Stainless Steel Compression Tube Fittings
K	1/2" FNPT Stainless Steel Adapters
N	NACE <i>(Available for Aluminum & Stainless Steel Gauge Bodies only)</i>
Q	CRN (Canadian Registration Number) <i>Available only for Model 105Q and Model 106Q</i>
S	Shatter Proof Glass Lens
T	Oxygen Cleaning
U	Stainless Steel Tag with S.S. Wire
V	Stainless Steel Tag and S.S. Screw
W	Wall Mount Kit
Y	4-1/2" Dial Case
Z	Special (Un-coded Options)
7	Electrical Configurations Note: G,H,J & K switch option (high port on right when facing dial)
O	NONE
A	One (1) Switch in Weather Proof enclosure
B	Two (2) Switches in Weather Proof enclosure
C	One (1) Switch in explosion proof enclosure Class 1, Groups B, C, & D <i>(Pipe Mounting Kit Standard)</i>
D	Two (2) Switch in explosion proof enclosure Class 1, Groups B, C, & D <i>(Pipe Mounting Kit Standard)</i>
G	One (1) Micro-Switch in Weather Resistant Enclosure (2) <i>(MODEL 106 0-80" to 0-800" H2O only) Accuracy ±2%</i>
H	Two (2) Micro-Switches in Weather Resistant Enclosure <i>(MODEL 106 0-80" to 0-800" H2O only)</i> <i>0-80" - 199" H2O Accuracy ±4% / 0-200" H2O and above Accuracy ±2% (1) (2)</i>
J	One (1) Micro-Switch in Weather Resistant Housing with Condulet Enclosure (2) <i>(MODEL 106 0-80" to 0-800" H2O only) Accuracy ±2%</i>
K	Two (2) Micro-Switches in Weather Resistant Housing with Condulet Enclosure <i>(MODEL 106 0-80" to 0-800" H2O only) 0-80" - 199" H2O Accuracy ±4% / 0-200" H2O and above Accuracy ±2% (1) (2)</i>
Z	Special (Un-coded Options)
<small>(1) Accuracies & repeatability values for (2) switch units are based upon (1) switch set low (approx. 25% for FSR) and (1) switch set high (2) CSA Listed, Type 4, Industrial Control Equipment</small>	
8	"Input Options" Electrical Specifications (Select (1) input and (1) output option)
A	8-28 Vdc
B	115 VAC 50/60 Hz
C	220/240 VAC 50/60Hz
N	No Input Required for Micro-Switch Options: G, H, J & K
Z	Special (Un-coded Options)
9	"Output Options" (Resistive Load)
(Resistive load) – 10 Amp @ 28 VDC, 115/230 VAC (50/60 Hz) (1/2" NPT, 24" Flying Leads standard interface) (1/2" NPT, 24" Flying for two (2) DPDT switches)	
A	SPDT Relays
C	DPDT Relays
D	Adjustable Deadband, one (1) SPDT output (two (2) control switches only)
E	Adjustable Deadband, one (1) DPDT output (two (2) control switches only)
Micro Switch Electrical Interface: 18", 18 Awg, 600 V, 105°C / Color coded wire leads from 1/2" FNPT Connection	
M	SPDT Micro-Switch Contact Ratings: (MAX) 4 Amps @ 30 VDC / 3 Amps @ 240VAC / 5 Amps @ 120 VAC
Z	Special (Un-coded Options)
Factory preset switches at no charge (specify setting) Contact factory for bi-directional scales	

NOTE: The use of Diaphragm seals is not recommended for Model 105/106 gauges.