

## Float Switches

- Rated up to 5 HP at 230VAC
- 2-pole
- Rated 10A, 600VAC
- Ambient temp. range: -22° to 220°F
- Conduit entry: NEMA 1, 1/2"; NEMA 4, 7, 9, 3/4"



Designed to control small motor loads directly. HP rating: 2 HP at 115V, 3 HP at 230V 1-phase, 5 HP at 230V 3-phase. Side-mount switches include external pointer, nameplate, rod, and float. Class 9036 switches are single-lever operated.

Description	NEMA 1 Close On Rise Mfr. Model Item No.	NEMA 1 Open On Rise Mfr. Model Item No.	NEMA 4 Close On Rise Mfr. Model Item No.	NEMA 7, 9 Close On Rise Mfr. Model Item No.
<b>Class 9036 Open Tank Float Switches</b>				
Top Mount	9036DG2 2FH59	9036DG2R 2FH61	9036DW31 2FH65	9036DR31 2FH62
Top Mount, Compensating Spring	9036DG2C 2FH60	9036DG2CR 3DZR9	9036DW31C 3DZU1	9036DR31C 3DZT9
Top Mount, Flange Mount	9036DG2S1 2FP39	—	—	—
High Force, Top Mount	9036GG2 2FH68	9036GG2R 2FH70	9036GW1 2FH72	9036GR1 3DZU6
High Force, Top Mount, Compensating Spring	9036GG2C 2FH69	—	—	—
<b>Class 9038 Open Tank Alternators</b>				
Single Lever	9038AG1 2FJ01	—	9038AW1 2FJ05	9038AR1 3DZY1
Single Lever, Compensating Spring	9038AG1C 3DZX5	—	—	—
<b>Class 9038 Closed Tank Alternators</b>				
Top Mount, 2 3/4" Hinge Post, Min. Water Level	9038DG7 2FJ15	—	—	—
Top Mount, 2 3/4" Hinge Post, Max. Water Level	9038DG8 2FJ16	—	9038DW8 3EAA1	9038DR8 3DZY9
Top Mount, 4 1/8" Hinge Post, Min. Water Level	9038DG9 2FJ17	—	—	—
<b>Class 9037 Closed Tank Float Switches</b>				
Top Mount, 2 3/4" Hinge Post, Min. Water Level	9037EG8 2FH77	9037EG8R1F1 3DZV3	—	—
Top Mount, 4 1/8" Hinge Post, Min. Water Level	9037EG10 3DZV2	—	—	—
Top Mount, 2 3/4" Hinge Post, Max. Water Level	9037EG9 2FH78	—	9037EW9 3DZV4	—

Accessories	Mfr. Model	Item No.
Float Kit, 7" Tapped 304SS Float, 5" Brass Rod, 2 Stops	9049A6	2FJ26
Float Kit, 7" Center Hole 304SS Float, 5" Brass Rod, 4 Stops	9049A6C	3EAA5
Float Kit, 7" Center Hole 316SS Float, 5" SS Rod, 4 Stops	9049A6CS	2FJ28
Float Kit, 7" Center Hole 316SS Float, 5" Brass Rod, 2 Stops	9049A6S	3EAA6

Float Rod Angle	Min. Water Level Adjustment	Max. Water Level Adjustment	NEMA 1 Close On Rise Mfr. Model Item No.	NEMA 1 Open On Rise Mfr. Model Item No.	NEMA 4 Close On Rise Mfr. Model Item No.
<b>Class 9037 Closed Tank Float Switches, Right Float Position</b>					
45°	2	5	9037HG33 2FH90	—	—
90°	2	5	9037HG35 2FH93	—	9037HW35 3DZX4
90°	2	7	9037HG37 2FH96	—	—
90°	2	11 1/2	9037HG31 2FH85	9037HG31R 3DZV8	—
<b>Class 9038 Closed Tank Alternators, Right Float Position</b>					
90°	6 1/2	13	9038CG31 2FJ08	—	9038CW31 3DZ5
90°	4	7 3/4	9038CG33 2FJ10	—	9038CW33 3DZ26
<b>Class 9037 Closed Tank Float Switches, Left Float Position</b>					
45°	2	5	9037HG34 2FH92	9037HG34R 3DZW5	9037HW34 3DZX3
90°	2	5	9037HG36 2FH94	—	—
90°	2	7	9037HG38 3DZX1	—	—
90°	2	8 1/4	9037HG30 2FH83	9037HG30R 3DZV6	9037HW30 3DZX2
90°	2	11 1/2	9037HG32 2FH86	—	—
<b>Class 9038 Closed Tank Alternators, Left Float Position</b>					
90°	6 1/2	13	9038CG32 2FJ09	—	9038CW32 2FJ14
90°	4	7 3/4	9038CG34 3DZY8	—	—
<b>Class 9037 Closed Tank Float Switches, Right Float Position</b>					
45°	2	5	—	9037HG33R 2FH91	9037HW33 2FH98
<b>Class 9038 Closed Tank Alternators, Left Float Position</b>					
90°	4 3/4	9 1/4	9038CG36 2FJ11	—	—

Accessories	Mfr. Model	Item No.
Rod, SS, 1 3/4" Long	9049ER1	3EAA7
Rod, SS, 12 1/4" Long	9049ER12	3EAA8
Rod, SS, 3 1/4" Long	9049ER3	3EAA9
Rod, SS, 5 1/4" Long	9049ER5	3EAC1
Float 2.5" dia., Length 7", 304SS	9049FP3	3EAC3
Float 3.62" dia., Length 4 1/2", 304SS	9049EF1	2FJ35



2FH59



2FH90

## Vacuum Switches

- Diaphragm actuated
- Rated 10A, 600VAC
- Ambient temp. range: -10° to 185°F
- Media temp. range: -40° to 250°F

Monitor and control vacuum conditions in sensitive control applications. UL Listed, CSA Certified. GAW series is CE Certified.



**SERIES GVG**  
Designed as companions to Class 9036 and Class 9037 Type GG float switches commonly used on vacuum heating pumps. HP rating: 2 HP at 110VAC, 3 HP at 220VAC, 5 HP at 440-550VAC.



GAW Series

GVG Series

Range	Differential	Port Type	Features	Contact Form	Mfr. Model	Item No.
<b>Series 9013GAW</b>						
0 to 25 in Hg	5 to 20 in Hg	1-Port 1/4-18 in FNPT	—	SPDT	9016GAW2	2FH46
0 to 28.3 in Hg	0.8 to 9 in Hg	1-Port 1/4-18 in FNPT	—	DPDT	9016GAW21	2FH47
0 to 28.3 in Hg	1 to 9 in Hg	1-Port 1/4-18 in FNPT	Mounting Feet	DPDT	9016GAW21F	3HAM1
0 to 28.7 in Hg	0.8 to 9 in Hg	1-Port 1/4-18 in FNPT	—	SPDT	9016GAW1	2FH45
0 to 28.7 in Hg	0.8 to 9 in Hg	1-Port 1/4-18 in FNPT	Mounting Feet	SPDT	9016GAW1F	3HAL7
0 to 28.7 in Hg	0.8 to 9 in Hg	1-Port 1/2-14 in MNPT, 1-Port 1/4-18 in FNPT	1/2"-14 NPT external, 1/4"-18 NPT internal	SPDT	9016GAW1Z16	3HAL9
<b>Series 9013GVG</b>						
0 to 25 in Hg	5 to 10 in Hg	1-Port 1/4-18 in FNPS	—	DPST	9016GVG1J09	2FH48
0 to 25 in Hg	5 to 10 in Hg	1-Port 1/4-18 in FNPS	—	DPST	9016GVG1J10	2FP36
0 to 25 in Hg	5 to 10 in Hg	1-Port 1/4-18 in FNPS	—	DPST	9016GVG1J13	2FP38
5 to 25 in Hg	5 to 10 in Hg	1-Port 1/4-18 in FNPS	3 Way Lever, Continuous, Nameplate Marked: Float Only, Vacuum and Float	DPST	9016GVG1J09E	3HAM3
5 to 25 in Hg	5 to 10 in Hg	1-Port 1/4-18 in FNPS	3 Way Lever, Continuous, Marked: Float Only, Vacuum and Float, With Mounting Bracket	DPST	9016GVG1J09EF	3HAM4
5 to 25 in Hg	5 to 10 in Hg	2-Port 1/4-18 in MNPT	1/4 in male pipe thread on pressure connection	DPST	9016GVG1J09Z	3HAM5
5 to 25 in Hg	5 to 10 in Hg	1-Port 1/4-18 in FNPS	With Mounting Bracket	DPST	9016GVG1J10F	3HAM6
5 to 25 in Hg	5 to 10 in Hg	1-Port 1/4-18 in FNPS	—	DPST	9016GVG1J12	3HAM7
5 to 25 in Hg	5 to 10 in Hg	1-Port 1/4-18 in FNPS	3 Way Lever, Continuous, Nameplate Marked: Float Only, Vacuum and Float	DPST	9016GVG1J13E	3HAM8