



Item	Description	Qty.	Standard	High Capacity
1	Adapter:			
	Standard.....	1	550983-001	550983-001
	3" 150# ANSI Carbon Flange (AC Option, 4 Bolt)..	1	551611-001	.....
	3" 150# ANSI Stainless Flange (AS Option, 4 Bolt)	1	551611-002	.....
2	Base, Relay.....	1	645164-401	645164-401
3	Bracket, Float Guard:			
	Buna-N Switch Assembly.....	3	538500-001	538500-001
	Stainless Steel and LPG Switch Assembly and ANSI Flanges .....	3	538500-002	538500-002
4	Bushing, 3/8 x 1/4" (DE-1 Only).....	1	641542-402	.....
5	Bushing, 3/8 x 1/8".....	1	641542-401	641542-401
6	Bushing, 1/2 x 3/8".....	1	.....	641543-403
7	Bushing, 1/2 x 1/8".....	1	641543-401	641543-401
8	Bushing, 1/2 x 1/4".....	#	641543-402	641543-402
9	Connector:			
	Standard.....	1	643385-404	.....
	High Capacity.....	2	.....	643385-409
10	Coupling (DE-2 Only).....	1	006879-400	006879-400
11	Coupling (DE-2 Only).....	1	642255-402	.....
12	Elbow .....	1	643386-403	643386-403
13	Elbow .....	1	643386-405	643386-409
14	Elbow .....	1	641547-403	641547-403
15	Elbow .....	1	643386-404	645624-403
16	Elbow .....	1	643386-404	643386-409
17	Elbow .....	1	643386-404	643386-404
18	+ Gasket, Adapter:			
	Standard.....	1	503358-001	503358-001
	Teflon.....	1	503358-002	503358-002
	For Use With ANSI Flange .....	1	640714-001	.....
19	@ 1+ Grease .....	A/R	005743-600	005743-600
20	Guard, Float:			
	Buna-N and Stainless Steel Switch Assembly .....	1	502375-003	502375-003
	LPG Switch Assembly.....	1	551665-001	.....
	3" 150# ANSI Carbon Flange.....	1	551665-002	.....
	3" 150# ANSI Stainless Flange.....	1	551665-003	.....
21	@ 1 Housing and Cover Assembly:			
	120 Vac and 240 Vac.....	1	551057-001	551057-001
	12 Vdc and 24 Vdc .....	1	551057-002	551057-002
22	Screw, Ground.....	1	640953-406	640953-406
23	*@ 2 Loctite .....	A/R	645001-401	645001-401
24	Network, RC (12 Vdc and 24 Vdc Models Only) .....	2	645060-403	645060-403
25	Nipple.....	1	060301-001	060301-001
26	Nipple.....	#	641112-401	060301-001
27	Nipple.....	1	641111-401	641111-401
28	Nipple.....	#	641113-401	060301-001
29	Nipple.....	1	645177-401	645177-401
30	Nipple (DE-2 Only).....	1	006878-400	006878-400
31	Nut, 1/2-13 .....	8	006415-400	006415-400
32	Nut, #10-32 .....	3	640083-003	640083-003
33	Orifice, Fixed, Model 13F (DE-2 Only).....	1	529600-001	529600-001
34	Plate, Name .....	1	539969-001	539969-001
35	Plug, Cap .....	1	641770-404	641770-404
36	Plug, Pipe, 1/8" NPT .....	1	644522-401	644522-401
37	Plug, Pipe, 1/4" NPT (DE-1 Only).....	1	006105-002	006105-002

Item	Description	Qty.	Standard	High Capacity
38	Plug, Pipe, 1/2" NPT (DE-1 Only) .....	1	006105-002	006105-002
39	+ Relay:			
	120 Vac (Illustrated) .....	1	645427-401	645427-401
	12 Vdc .....	1	645427-402	645427-402
	24 Vdc .....	1	645427-403	645427-403
	240 Vac .....	1	645427-404	645427-404
40	Relay, Intrinsically Safe:			
	120 Vac .....	1	645168-401	645168-401
	12 Vdc and 24 Vdc .....	2	645168-402	645168-402
	240 Vac .....	1	645168-403	645168-403
41	Screw, #10-32 x 3/8" .....	3	640504-402	640504-402
42	Screw, 1/4-20 x 1" .....	8	643263-401	643263-401
43	Screw, #10-32 x 3/8" .....	3	644153-402	644153-402
44	Screw, #8-32 x 1/2" .....	2	643173-402	643173-402
45	Screw, #8-32 x 3/8" .....	#	643173-403	643173-403
46	Stud, 1/2-13 x 1-7/8" .....	8	643823-410	643823-410
47	Screw, Drive .....	2	006869-002	006869-002
48	Sightglass:			
	LPG .....	1	645129-403	
	All Others .....	1	645129-401	645129-402
49	@2 Standoff .....	#	644732-420	644732-420
50	+ Switch and Float Assembly:			
	Buna-N (Illustrated) .....	1	645132-401	645132-401
	Stainless Steel .....	1	645132-403	645132-403
	Stainless Steel - 720 psi.....	1		645132-402
	LPG .....	1	645132-404	
51	Tee, Pipe .....	1	641544-403	643393-404
52	Tubing, 3/8" Std. and 1/2" High Capacity .....	A/R	641108-403	641108-404
53	Tubing, 3/8" .....	A/R	641108-403	641108-403
54	Valve, Ball, Model 03A .....	1	529313-002	529313-003
55	Valve, Check, Model 10B.....	1	644766-412	644766-414
56	@3 Valve, Solenoid, Model 30A .....	1	See Note 3	See Note 3
57	@3 Valve, Solenoid, Model 31 (DE-2 Only) .....	1	See Note 3	See Note 3
58	Washer.....	3	060554-001	060554-001
59	Washer, Lock .....	#	640959-401	640959-401

+ Recommended stock.

# Order quantity required.

A/R As required.

@1 Note 1: Apply a small amount of grease on mating surface before mounting cover.

@2 Note 2: Apply a small amount of Loctite to standoffs before installing in housing.

@3 Note 3: See Form No. P1025.\* for ordering instructions. Please include catalog and serial numbers of solenoid along with electrical requirements.

R Indicates change since last revision.

\* Not Illustrated.

Revisions included in P0100.05 Issue/Rev. 0.5 (8/11):  
Total Revision.

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

Contact information is subject to change. For the most current contact information, visit our website at [www.fmctechnologies.com/measurementsolutions](http://www.fmctechnologies.com/measurementsolutions) and click on the "Contact Us" link in the left-hand column.

---

**Headquarters:**

500 North Sam Houston Parkway West, Suite 100, Houston, TX 77067 USA, Phone: +1 (281) 260 2190, Fax: +1 (281) 260 2191

**Measurement Products and Equipment:**

**Erie, PA USA** +1 (814) 898 5000

**Ellerbek, Germany** +49 (4101) 3040

**Barcelona, Spain** +34 (93) 201 0989

**Beijing, China** +86 (10) 6500 2251

**Buenos Aires, Argentina** +54 (11) 4312 4736

**Burnham, England** +44 (1628) 603205

**Dubai, United Arab Emirates** +971 (4) 883 0303

**Los Angeles, CA USA** +1 (310) 328 1236

**Melbourne, Australia** +61 (3) 9807 2818

**Moscow, Russia** +7 (495) 5648705

**Singapore,** +65 6861 3011

**Integrated Measurement Systems:**

**Corpus Christi, TX USA** +1 (361) 289 3400

**Kongsberg, Norway** +47 (32) 286700

**Dubai, United Arab Emirates** +971 (4) 883 0303

**Visit our website at [www.fmctechnologies.com/measurementsolutions](http://www.fmctechnologies.com/measurementsolutions)**