



Item	Description	Qty	DE-3 Standard	DE-3 FIC-3/ "H" Coil/ Special Vent	VDE-3
1	Adapter: Smith "RB" Bolts Circle, Carbon Steel .....	1	550983-001	550983-004	.....
	6" ASME 150 Steel Flange .....	1	.....	.....	539691-001
2	Barrier, Flame Check .....	1	646072-401	646072-401	.....
3	Barrier, Intrinsically Safe Relay: 120 VAC .....	3	645568-403	645568-403	645568-403
	220 VAC .....	3	645568-404	.....	645568-404
4	Bracket, Float Guard .....	3	538500-001	538500-001	538500-002
5	Bushing, Reducer Pipe, 3/8 x 1/4" .....	1	641542-402	641542-402	.....
6 @3	Bushing, Reducer Pipe, 1/2 x 1/8" .....	1	641543-401	641543-401	641543-401
7	Bushing, Reducer Pipe, 1/2 x 1/4" .....	1	641543-402	641543-402	.....
8	Bushing, Reducer Pipe, 1/2 x 3/8" .....	1	641543-403	641543-403	.....
9	Bushing, Reducer, 1 x 1/2" .....	1	.....	641761-404	.....
10	Elbow, Pipe, 1/4" NPT .....	1	.....	643760-402	.....
11	Fitting: Std. Self-Flare, 3/8 T x 1/4" NPT .....	1	643385-404	.....	.....
	Std. Self-Flare, 3/8 T x 1/4" NPT .....	2	.....	643385-404	.....
12	Fitting: Elbow, Self-Flare, 3/8 T x 1/4" NPT .....	1	643386-404	.....	.....
	Elbow, Self-Flare, 3/8 T x 1/4" NPT .....	2	.....	643386-404	.....
	Elbow, 1/2 x 1/2" NPT .....	1	.....	.....	640053-002
13	Connector, Self-Flare, 1/2 x 1" .....	2	.....	.....	643385-409
14	Fitting, Std. Self-Flare, 3/8 T x 1/2" NPT .....	1	.....	643385-406	.....
15 +	Gasket, Adapter .....	1	503358-001	503358-001	010487-400
16	Guard, Float: For 4" A.E. Tank .....	1	553421-001	553421-001	.....
	For 3" A.E. Tank .....	1	553470-001	.....	.....
	VDE-3 .....	1	.....	.....	551665-004
17	Grommet .....	1	641811-404	641811-404	.....
18 @2	Housing and Cover Assembly .....	1	553419-001	553419-001	553419-001
19	Nipple, Conduit: 1/2 NPT x 1-1/8" .....	1	009630-400	009630-400	.....
	1/2 NPT x 2-1/2" .....	1	.....	.....	002522-400
20	Nipple: Pipe, 1/4 NPT x 7/8" .....	1	641112-401	.....	.....
	Pipe, 1/4 NPT x 7/8" .....	2	.....	641112-401	.....
	Pipe, 1/2 NPT x 1-1/8" .....	4	.....	.....	060301-001
21	Nipple, Pipe, 3/8 NPT x Close .....	3	641113-401	641113-401	.....
22	Nipple, Pipe: 1/2 NPT x 2-1/2" .....	1	645177-401	645177-401	.....
	1/2 NPT x 4" .....	1	.....	.....	645177-404
23	Nipple, Pipe, 1/4 NPT x 4" .....	1	.....	645337-422	.....
24	Nut, #10-32 .....	3	640083-003	640083-003	640083-003
25	Nut: 1/2-32 .....	8	006415-400	006415-400	.....
	3/4-10 .....	16	.....	.....	006258-400
26	Plate, Name .....	1	539969-001	539969-001	539969-001
27	Plug, Cap, 1/2" .....	3	641770-404	641770-404	641770-404
28	Plug, Cap, 1/2 NPT" .....	1	006105-002	006105-002	006105-002
29	Rail, Mounting .....	1	553420-001	553420-001	553420-001
30 +	Relay: For 120/60 .....	1	645427-401	645427-401	645427-401
	For 240/60 .....	1	645427-404	.....	645427-404
31	Screw, #10-32 x 3/8" .....	3	640504-402	640504-402	640504-402
32	Screw, #10-32 x 1/2" .....	3	644153-402	644153-402	644153-402

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33	Screw, #10-32 x 1/2" .....	3	645518-401	645518-401	645518-401
34	Screw, Drive.....	2	006869-002	006869-002	006869-002
35	Sight Glass .....	1	645129-401	645129-401	645129-404
36	Socket, Relay.....	1	644115-407	644115-407	644115-407
37	Stud:				
	1/2-13 x 2" .....	8	643823-410	643823-410	.....
	3/4-10 x 4-3/4" .....	8	.....	.....	642354-407
38	Switch, Float:				
	For 4" A.E. Tank.....	1	646073-401	646073-401	.....
	For 3" A.E. Tank.....	1	646078-401	.....	.....
	Stainless Steel .....	1	.....	.....	646088-401
	PTFE .....	1	.....	.....	646089-401
39	Tee, 1/4" NPT .....	1	.....	641544-402	.....
40	Tubing:				
	3/8" .....	A/R	641108-403	641108-403	.....
	1/2" .....	A/R	.....	.....	641108-404
41	Valve, Ball, Model 03A .....	1	529313-002	529313-002	529313-003
42	Valve, Check .....	1	644766-412	644766-412	644766-414
43	Washer, Flat.....	3	060554-001	060554-001	060554-001
44	@1 Valve, Solenoid .....	1	See Note	See Note	See Note

A/R As required.

+ Recommended Spare

@1 When ordering, the following information is required:

1. Electrical requirements (Volts/Hz or DC)
2. Log Number displayed on the nameplate of the valve body,  
or
3. Catalog Number displayed on the name plate of the solenoid.

@2 Cover screws are included with housing. For replacement screws use dimension: Grade 5, 3/8-16 x 1-1/4".

@3 Not used with VDE-3 stainless steel float switch.

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

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

Revisions included in PO03021 Issue/Rev. 0.0 (1/14):  
PO03021 has replaced P0113.01X, which has been made obsolete.  
Total Revision of last revision of P0113.01.

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

**Operations:**  
**Measurement Products and Equipment:**  
Ellerbek, Germany +49 (4101) 3040  
Erie, PA USA +1 (814) 898 5000

**Integrated Measurement Systems:**  
Corpus Christi, TX USA +1 (361) 289 3400  
Kongsberg, Norway +47 (32) 286700

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.

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