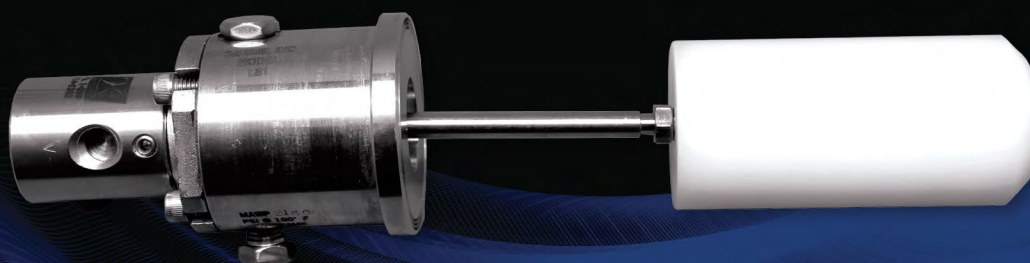


L81 PNEUMATIC

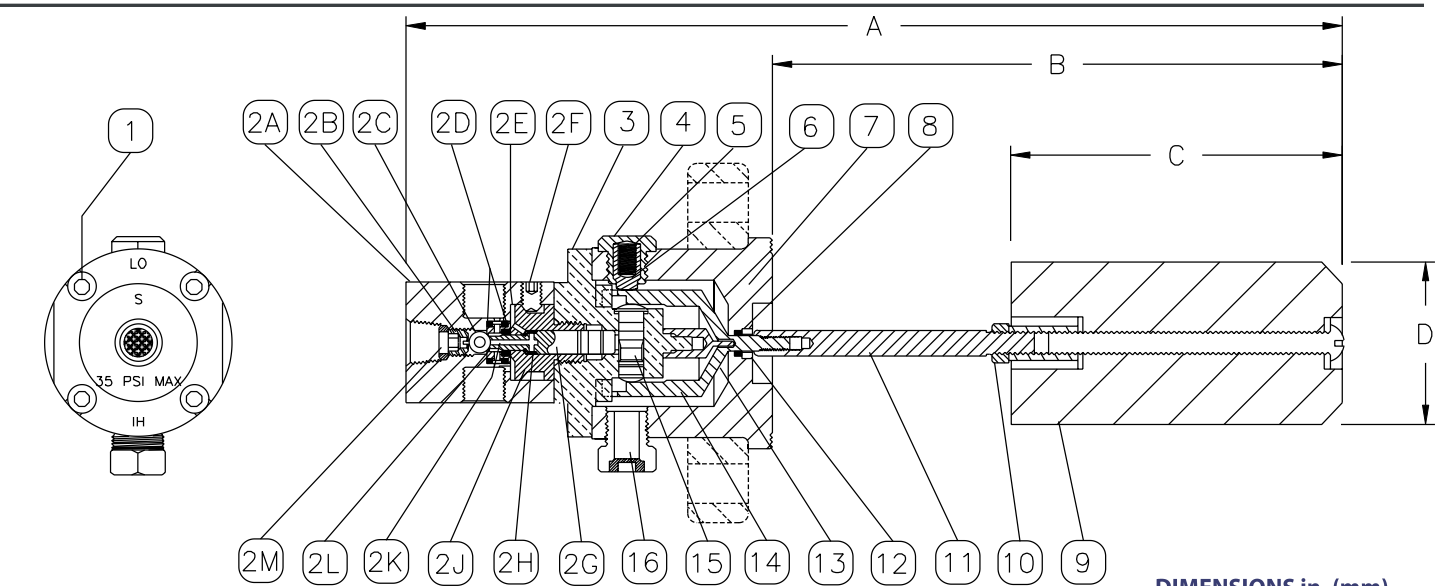


www.k-dyne.com

702 South Persimmon, Suite 1C
Tomball, TX 77375
P: 281.397.7099
F: 281.397.7495

MODEL L81 FLANGE MOUNT PNEUMATIC

The L81 flange mount pneumatic level switch incorporates a slip ring mount configuration and ideal for applications where a positive process pressure seal is required. It utilizes a 3-way block and bleed valve and has an extended float rod for installation thru 2" or larger flanges.



Parts List for Level Switch L81

ITEM NO.	QTY.	DESCRIPTION	MATERIAL	PART NO.
1	4	Socket Cap Screw	316 SST	TA-08K-0G3
2	1	Valve Assembly	Detailed Below	88-008-0B0
2A	1	Valve Body	316 SST	80-005-0A0
2B	1	Ball Retainer	18-8 SST	80-024-000
2C	1	Ball	Tungsten Carbide	BL-250-25T
2D	2	Seat O-Ring	Fluorocarbon	V0-012-75H
2E	1	Body O-Ring	Fluorocarbon	V0-019-75H
2F	3	Set Screw	18-8 SST	T9-08K-0C4
2G	1	Valve Stem Assembly	316 SST, Acetal & PTFE	80-018-000
2H	1	Valve Stem Spring	316 SST	80-035-000
2J	1	Adaptor Head	316 SST	80-004-000
2K	1	Valve Stem O-Ring	Fluorosilicone	FO-008-70T
2L	1	Seat	316 SST	80-006-000
2M	1	Filter Disk	316 SST	80-053-000
3	1	Pivot Body	316 SST	80-017-000
4	1	Spring Cap	316 SST	30-012-000
5	1	Spring	Inconel X-750	30-014-000
6	1	Spring Guide	Acetal	30-008-000
7	1	Flanged Body	316 SST	31-002-0B0
8	1	Body Seal	Fluorocarbon	V0-008-75H
9	1	Displacer Assembly	Polypropylene & 316 SST	30-016-000 30-068-000
10	1	Hex Nut	316 SST	T6-08K-073
11	1	Float Rod	316 SST	30-005-0A0
12	1	Seal Retainer	316 SST	30-007-0A0
13	1	Pivot	17-4 PH SST	30-079-000
14	1	Cone	17-4 PH SST	30-085-000
15	1	Transverse Rod Assy	316 SST & PTFE	88-043-000
16	1	Body Vent	316 SST & Fluorocarbon	99-010-000
17	---	Repair Kit	Items: 2C,D,E,H,K,M,8,13	80-020-000

DIMENSIONS in. (mm)	
A	11.70 (297)
B	7.10 ((180)
C	4.10 (104)
D	2.00 (50)
Weight	4.1 Lbs (1.86 kg)

SPECIFICATIONS

Maximum Test Pressure PSI (BAR) @ 100° F (37° C)	3240 (223)
Maximum Working Pressure PSI (BAR) @ 100° F (37° C)	2160 (149)
Ambient Temperature Range	-20/+180° F -29/+82° C
Maximum Process Fluid Temperature	180° F (93° C)
Minimum Specific Gravity	0.6
Supply Pressure PSI (BAR)	35 (2.41)
Valve Cv Factor	0.042

Ordering Number L81

STANDARD	N.A.C.E.	316 & 17-4 PH ST. STEEL	FLUOROCARBON	BUNA-N (180° F)	KALREZ (450° F)	POLYPROPYLENE (210° F)	316 SST DISPLACER (450° F)	3-WAY PNEUMATIC VALVE	LOW (DIRECT ACTING)	HIGH (REVERSE ACTING)	NO OPTIONS	ADJUSTABLE SPRING	NO ADJUSTMENT	FLOAT ROD 2=1.87, 6=3.25, 8=6.40, 10 = 12.25"	HORIZONTAL
—	N	3	V	B	K	P	3	V	D	R	0	A	N	X	H