

L80 ELECTRIC



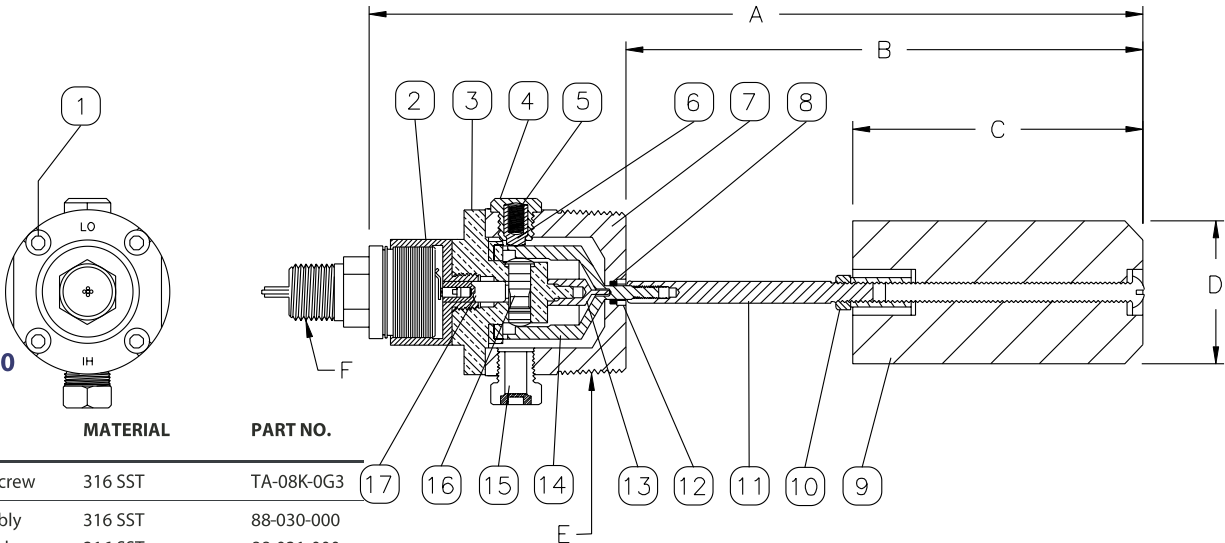
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MODEL L80 ELECTRIC

The Model L80 switch incorporates a 2" NPT thread mounting and an explosion proof SPDT or DPDT snap acting dry contact switch. The design has a non-adjustable trip point and narrow level operation range making it perfect for applications where trip point tampering is unacceptable. Factory installed explosion proof junction boxes with terminals are available.

Parts List for Level Switch L80

ITEM NO.	QTY.	DESCRIPTION	MATERIAL	PART NO.
1	4	Socket Cap Screw	316 SST	TA-08K-0G3
2	1	DPDT Assembly	316 SST	88-030-000
		SPDT Assembly	316 SST	88-031-000
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
			316 SST	
7	1	2" NPT Body	316 SST	30-001-NB0
8	1	Body Seal	Fluorocarbon	VO-008-75H
9	1	Displacer Assembly	Polypropylene	30-016-000
			316 SST	30-068-000
10	1	Hex Nut	316 SST	TB-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	Body Vent	316 SST	99-010-000
16	1	Transverse Rod Assy	316 SST & PTFE	88-043-000
17	1	Push Rod Assembly	Acetal & 18-8 SST	88-020-000



SWITCH	LOCATION	ELECTRICAL
	U.L. TM rated dry contact snap switch for hazardous locations Class I groups A, B, C & D Class II groups E, F & G: Hermetically Sealed, NEMA 7 & 9	U.L. TM rated 11 Amps 1/4 HP @ 125/250 VAC. ; 5 Amps Res./3 Amps Ind. @ 28 VDC.; .5 Amps Res/.25 Amps Ind @ 125 VDC 18 AWG x 18" leads

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/+165° F -29/+74° C
Maximum Process Fluid Temperature	180° F (93° C) 450° F (232° C)
Minimum Specific Gravity	0.6

DIMENSIONS in. (mm)

A	11.60 (294)
B	7.35 (186)
C	4.10 (104)
D	2.00 (51)
E	2.37 (60)
F	1.50 (38)
Weight	3.6 Lbs (1.64 kg)

Ordering Number L80

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