

TABLE 03

CAPACITY (klb)	FULL SCALE OUTPUT (mV/V)	HYSTERESIS (%FS)
0.25	1.0 ± 0.02%	≤ ± 0.02
0.5		
1		
2		
2.5		
3	2.0 ± 0.03%	≤ ± 0.04
5		
10		
15		
20		
25	2.0 ± 0.035%	≤ ± 0.04
50		

SPECIFICATIONS

MODEL	SSA	
CAPACITY	SEE TABLE 02	
FULL SCALE OUTPUT (FS)	SEE TABLE 03	
ZERO BALANCE	%FS	≤ ± 1
NON-LINEARITY	%FS	≤ ± 0.03
HYSTERESIS	SEE TABLE 03	
NONREPEATABILITY	%FS	≤ ± 0.01
CREEP @ 30 MIN	%FS	≤ ± 0.02
TEMPERATURE EFFECT		
OUTPUT	%FS/10 °C	≤ ± 0.04
ZERO	%FS/10 °C	≤ ± 0.04
TEMPERATURE RANGE		
COMPENSATED	°C	-10 ~ +40
OPERATING	°C	-20 ~ +65
TERMINAL RESISTANCE		
INPUT	Ω	386 ± 30
OUTPUT	Ω	350 ± 5
EXCITATION VOLTAGE	VDC	5-15
INSULATION RESISTANCE @ 50VDC	MΩ	≥ 5000
SAFE OVERLOAD LIMIT	%FS	150
ULTIMATE LOAD	%FS	200
SEAL TYPE	IP67	
ELEMENT MATERIAL	SEE TABLE 02	

TABLE 01: PIN CONFIGURATION

PIN NO	CONNECTION	COLOUR
A	EXCITATION +	RED
B	SIGNAL+	GREEN
C	SIGNAL-	BLACK
D	EXCITATION-	WHITE
E	N/C	-
F	N/C	-

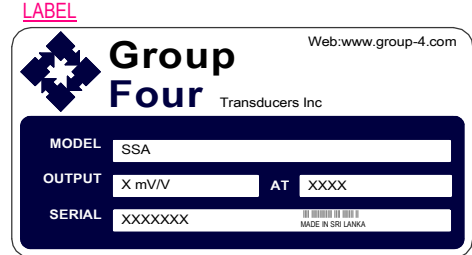
TABLE 02

CAPACITY (klb)	G4 P/N	MATERIAL	D1 Ø	D2 Ø	D3 Ø	H1	H2	H3	H4	H5	d1	h1	T1	T2	B	A	PCD Ø
0.25	5065-000-00	ALUMINIUM	4.13 [104.9]	1.34 [34.0]	1.25 [31.8]	1.38 [35.1]	1.13 [28.7]	1.25 [31.8]	0.20 [5.2]	0.03 [0.8]	4.44 [112.8]	Ø 0.25 [6.4] ▽ 0.29 [7.4]	5/8-18 UNF THRU	5/8-18 UNF 0.87 [22.1]	5/16-18 8X BOLTS	22.5	3.500 [88.90]
0.5	5065-001-00																
1	5065-002-00																
2	5065-003-00																
2.5	5061-000-00																
3	5061-002-00	STAINLESS STEEL	5.83 [148.0]	2.65 [67.3]	2.25 [57.2]	1.75 [44.5]	1.75 [44.5]	1.63 [41.4]	0.28 [7.1]	6.38 [162.1]	Ø 0.31 [8.0] ▽ 0.50 [12.7]	1-1/4-12 UNF THRU	1-1/4-12 UNF 1.40 [35.56]	7/16-20 12X BOLTS	15.0	5.130 [130.30]	
5	5061-001-00																
10	5061-003-00																
15	5061-004-00																
20	5061-005-00																
25	5061-006-00																
50	5061-007-00																

NOTES:
1) SHOWN LOADING DIRECTION IS FOR POSITIVE OUTPUT

REV.	ZONE	ECO#	DESCRIPTION	BY	CHK'D	APPD	DATE
9	-	-	CAPACITY ENGRAVED LOCATION ADDED AND ELEMENT MATERIAL TABLE CORRECTED	GPS	YML	YRA	12/20/23
8	-	-	G4 P/N ADDED	GPS	YML	YRA	11/21/23

RECORD OF CHANGES



NOT RELEASED

	MATERIAL SPEC.	G-4 CODE
	XXX	XXX
	FINISH DESCRIPTION	FINISH CODE
	XXX	XXX
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DIMENSION TOLERANCES UNLESS SPECIFIED		
DECIMALS XX ± 0.02 ANGULAR ± 1/8"		
XXX ± 0.005		
SCALE NOT TO SCALE		
PROJ. NO./SPEC. NO. PRJ-000727		
NAME SSA-(0.25-50)klb-Control-Drawing DRN GPS ENG YRA CHK'D CKD APP'D YRA DWG NO. 212594		