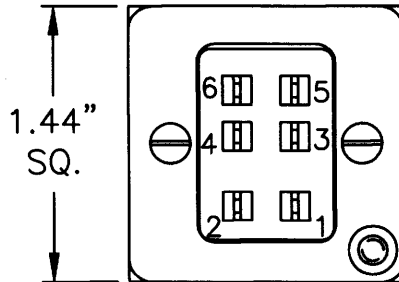
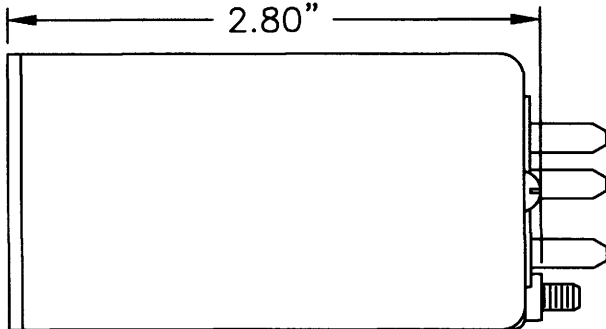


FUEL QTY CLUSTER MODULE

PART NUMBERS: ~~169CL 6 (*)~~, ~~169CL 61 (*)~~, ~~169CL 62 (*)~~, ~~169CL 63 (*)~~, ~~169CL 64 (*)~~, ~~169CL 65 (*)~~, ~~169CL 66 (*)~~, ~~169CL 67 (*)~~ } OUT OF PROD.

PART NUMBERS: 169CL1-6-(*) SERIES (SEE CHART BELOW) △

* THIS DASH NO. WILL BE THE SUFFIX NUMBER ASSIGNED TO THE CLUSTER BEING BUILT. EXAMPLE: ~~169CL 6 TD9999~~ (4 PIN CONNECTOR)
169CL1-6-TD9999 (6 PIN CONNECTOR) △

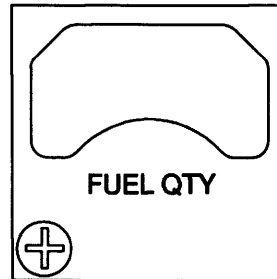


MALE CONNECTOR
STI P/N S24003-004P
MATING CONNECTOR △
STI P/N S24003-004S

1. DIAL & BEZEL GRAPHICS:
LETTERS, NUMERALS & GRADS TO BE WHITE ON BLACK BACKGROUND
2. LIGHTING: BLUE WHITE COLOR
3. RANGE MARKS: ARC'S (.06 W.), LINES (.03 x .12)
COLORS: GREEN (8A070-001); YELLOW (8A059-009);
BLUE (8A059-014); RED (8A060-006).
4. THIS UNIT IS APPROVED PER FAA TSO-C55, TYPE I
- ⑤ THIS UNIT IS DESIGNED TO OPERATE WITH RESISTANCE TYPE TRANSMITTER.
RESISTANCE DATA TO BE SUPPLIED BY CUSTOMER. (SEE 8D NEXT PAGE)
6. BEZEL: (SELECT BEZEL AT 8B NEXT PAGE)

CONNECTOR WIRING

PIN 1 +14 OR 28 VDC
PIN 2 GROUND (INDICATOR)
PIN 3 TRANSMITTER SIGNAL
PIN 4 +14 OR 28 VDC LTS
PIN 5 OPEN
PIN 6 OPEN
CASE GROUND (LIGHTING)



BEZEL #1 SHOWN

DASH NO.	BEZEL NO.	BEZEL TEXT	A/W 5B845-
-6	#1	FUEL QTY	008
-61	#2	RIGHT FUEL QTY	009
-62	#3	LEFT FUEL QTY	010
-63	#4	AUX FUEL QTY	011

DASH NO.	BEZEL NO.	BEZEL TEXT	A/W 5B845-
-64	#5	R.AUX FUEL QTY	012
-65	#6	L.AUX FUEL QTY	013
-66	#7	MAIN FUEL QTY	017
-67	#8	TIP FUEL QTY	018

DASH NO.	BEZEL NO.	BEZEL TEXT	A/W 5B845-
-681	#9	L. WING FUEL QTY	026
-682	#10	R. WING FUEL QTY	027
-683	#11	L. TIP FUEL QTY	028
-684	#12	R. TIP FUEL QTY	029

ISS.	DATE	PCO NO.	CHK	ISS.	DATE	PCO NO.	CHK	NAME	DATE
				D	8/27/98	2-8995	JB		
G	8/13/08	3-3279	JB	C	10/22/97	2-8470	JB	DWG. BY	R.SCOTT 10/1/97
F	2/3/03	3-1311	JB	B	10/14/97	2-8450	JB	APPROVAL	
E	4/24/02	3-1214	JB	A	10/1/97	RELEASE	JB	PROJ. ENG.	J.BISHOP 10/1/97

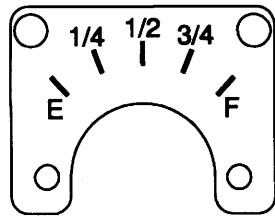
CUSTOMER ACCEPTANCE SPECIFICATION

A1436M01

SIGMA-TEK AUGUSTA, KANSAS	CONFIDENTIALITY NOTICE	TITLE	MODULE	SPEC. NO.
	This information is proprietary to SIGMA-TEK and any reproduction, disclosure, or use thereof is expressly prohibited without the written permission of Sigma Tek, Inc.	-169CL 6() () OUT OF PROD.	FUEL QTY	6A1436
		169CL1-6()-()		PAGE 1 OF 2 ISSUE G

FUEL QTY MODULE

7. DIAL:



A/W 5B847-()

FUNCTIONAL TEST

READING	TEST (OHMS)	TOL. (\pm INCHES)
E		+0, -1/32
1/4	SEE 8D	1/32
1/2	BELOW	1/32
3/4		1/32
F		+1/32, -0

FRICITION ERROR ($\pm 1/32$)
POSITION ERROR ($\pm 1/32$)

⑤ DIAL LINEARITY WILL VARY ACCORDING TO RESISTANCE DATA PROVIDED BY CUSTOMER (SEE 8D BELOW)

8. VARIABLES: (SELECT CONFIGURATION)

A. VOLTAGE

14 VDC 28 VDC

B. BEZEL

#1 #5 #9
 #2 #6 #10
 #3 #7 #11
 #4 #8 #12

C. RANGE MARKS (SPECIFY MARKS)

GREEN _____
 YELLOW _____
 BLUE _____
 RED _____

D. RESISTANCE DATA

POSITION TRANSMITTER RESISTANCE

E _____
 1/4 _____
 1/2 _____
 3/4 _____
 F _____

E. DAMPENING REQUIRED

YES (C2 & C3 CAPACITORS)
 NO

NOTE: THIS AREA FOR SIGMA TEK USE ONLY
 VARIABLE CHART

P/L 1V640-004	
14 VDC	28 VDC
LAMP S21006-020C	LAMP S21006-021C
N/P: 21-169-2-9183	N/P: 21-169-2-9183
PCB NO. TO BE DEFINED ON TEMP. DEV.	

DIAL A/W NO. 5B847-

P.C. BOARD NO. 6C1449-

CUSTOMER ACCEPTANCE SPECIFICATION

ACAD A1436M02

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TITLE MODULE
 FUEL QTY
 169CL-6()-() OUT OF PROD.
 169CL1-6()-()

SPEC. NO. 6A1436
 PAGE 2 OF 2 ISSUE G