

FED. MFG. CODE 91929

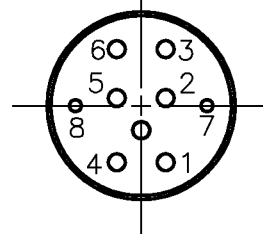
CATALOG LISTING
27ET14-T

CATALOG LISTING

1.0 DIA

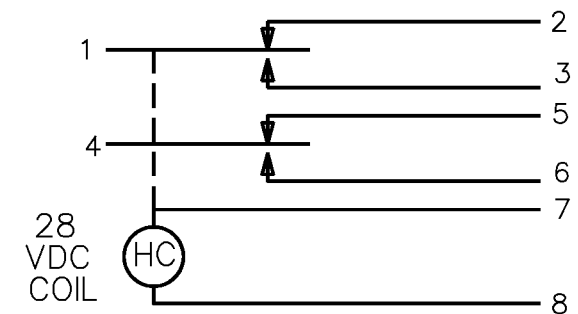
The drawing shows a circular feature with a central hole. A dimension line with arrows at both ends indicates a diameter of 1.0 DIA across the outer circle. The feature has a complex internal profile with several concentric circles and a central rectangular slot.

Technical drawing of a probe assembly. The drawing shows a cross-section of the probe with various dimensions and labels. The main body of the probe is cylindrical with a diameter of .388. The total height of the probe is 2.280 MAX. The probe is shown with a 30° ± 4° total travel angle. The probe is labeled with "1-2 AND 4-5 MADE (ELECTRICALLY MAINTAINED)" and "1-2 AND 4-6 MADE (ELECTRICALLY MAINTAINED)". The probe is shown with a .047 DIA HOLE FOR WIRE LOCKING. The probe is shown with a .05 dimension. The probe is shown with a .47 dimension. The probe is shown with a 1.160 ± .030 dimension. The probe is shown with a .388 dimension. The probe is shown with a 5 degree angle. The probe is shown with a 30° ± 4° TOTAL TRAVEL angle. The probe is shown with a POSITION A CIRCUITS (ELECTRICALLY MAINTAINED) label. The probe is shown with a 1-2 AND 4-5 MADE (ELECTRICALLY MAINTAINED) label. The probe is shown with a 1-2 AND 4-6 MADE (ELECTRICALLY MAINTAINED) label. The probe is shown with a .047 DIA HOLE FOR WIRE LOCKING label. The probe is shown with a .05 dimension label. The probe is shown with a .47 dimension label. The probe is shown with a 1.160 ± .030 dimension label. The probe is shown with a .388 dimension label. The probe is shown with a 5 degree angle label. The probe is shown with a 30° ± 4° TOTAL TRAVEL angle label. The probe is shown with a POSITION A CIRCUITS (ELECTRICALLY MAINTAINED) label. The probe is shown with a 1-2 AND 4-5 MADE (ELECTRICALLY MAINTAINED) label. The probe is shown with a 1-2 AND 4-6 MADE (ELECTRICALLY MAINTAINED) label. The probe is shown with a .047 DIA HOLE FOR WIRE LOCKING label. The probe is shown with a .05 dimension label. The probe is shown with a .47 dimension label. The probe is shown with a 1.160 ± .030 dimension label. The probe is shown with a .388 dimension label. The probe is shown with a 5 degree angle label.



Technical drawing of a paddle lever assembly. The drawing shows a cross-section of the assembly with various dimensions and callouts. The dimensions are as follows:

- Top dimension: $.375 \pm .030$
- Left dimension: $.5$
- Callouts:
 - PADDLE LEVER (ANODIZED ALUMINUM- LUSTERLESS FINISH)
 - 15/32-32UNS THREAD TO WITHIN $.090$ OF SHOULDER
 - HEX NUT $.62$ ACROSS FLATS X $.125$ THICK (2) 7
 - CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER $.60$ DIA X $.018$ REF THICK (MS35333-136) 7
 - KEYING WASHER $.72$ DIA X $.031$ THICK TAB $.110$ WIDE 7
 - $.072 \pm .004$ WIDE X $.031$ DEEP KEYWAY TO WITHIN $.250$ OF SHOULDER



CIRCUIT DIAGRAM
(MECHANICALLY MAINTAINED
POSITION B)

NOTES

1 - EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIAL OR ARE SUITABLY PROTECTED TO PREVENT CORROSION, ENCLOSURE FINISHED WITH BLUE EPOXY BASED ENAMEL COLOR NO. 25184 PER FEDERAL STANDARD 595

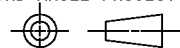
2 - SWITCH SEALED PER MIL-S-5594
 3 HOLD IN VOLTAGE: THE MINIMUM SPECIFIED VOLTAGE AT WHICH THE LEVER WILL REMAIN ACTUATED. HOLD IN MAY OCCUR AT A LOWER VALUE. DROP OUT VOLTAGE: THE VOLTAGE RANGE IN WHICH THE LEVER WILL BE RELEASED

4 - CIRCUITS CAN BE TRANSFERRED MANUALLY.
ENERGIZING THE COIL WILL NOT CAUSE TRANS-
FER OF CIRCUITS

5 - CIRCUIT IDENTIFICATION IS SHOWN ON SWITCH
6 - WEIGHT OF SWITCH ONLY IS 4.0 OZ MAX
7 - HARDWARE MAY BE FURNISHED UNASSEMBLED
PER MIL-S-5594

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THIRD ANGLE PROJECTION



SCALE	FULL
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DO NOT SCALE PRINT

CHARACTERISTICS	
SOLENOID RATING AT 20° C	

ELECTRICAL DATA
CONTACT ARRANGEMENT SPDT (2)

STEAD STATE LIMITS	---	20-30	VDC
HOLD IN	---	15	VDC
DROP OUT	---	0-15	VDC
COIL RESISTANCE AT 30 VDC	---	220	OHM MIN
OPERATING FORCE AT 30 VDC	---	7	LBS MAX
OVERRIDE FORCE AT 30 VDC	---	10	LBS MAX

VOLTAGE	RATINGS IN AMPERES							
	SEA LEVEL				65,000 FT			
	INRUSH	RES	IND	MOTOR	INRUSH	RES	IND	MOTOR
28 VOLTS DC		7	2			5	1.5	

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	±.03
TWO PLACE	(.00)	±.01
THREE PLACE	(.000)	±.001
ANGLES		±
WEIGHT	 6	

WEIGHT	6
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CATALOG LISTING

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REVISIONS

A	C061410
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D J S
15 SEP 87

B C079565

G J W

18 AUG 50	
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REPLACES

RELEASE NO. PR-5186

1

CHECK

CHECK

C 87

8 DE

1.

AM	
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7	CHECK
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18

15 SE

DDM/CAD