

FED. MFG. CODE 91929

CATALOG LISTING
27ET14-T

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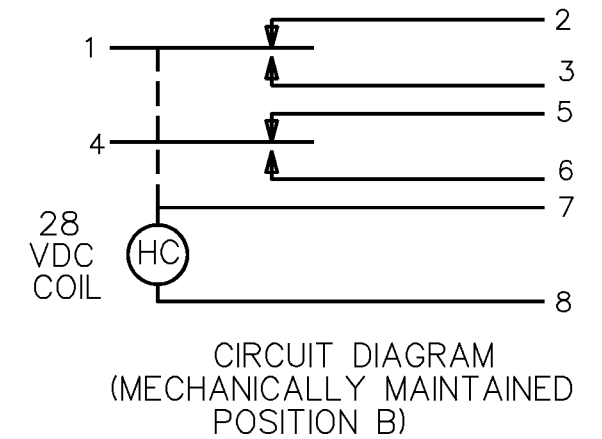
Technical drawing of a circular part. A dimension line on the left indicates a diameter of 1.0 DIA. The drawing shows concentric circles and internal features, including a central hole and a small rectangular feature on the right side.

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 $\varnothing 2.280$ MAX. The probe tip is conical with a total traverse of $30^{\circ} \pm 4^{\circ}$. The probe is mounted on a base with a height of 1.160 ± 0.030 . The probe tip is labeled "POSITION A CIRCUITS (ELECTRICALLY MAINTAINED)". The probe tip is also labeled "1-2 AND 4-5 MADE (ELECTRICALLY MAINTAINED)" and "1-2 AND 4-6 MADE (ELECTRICALLY MAINTAINED)". The probe tip is also labeled ".47" and ".05". The probe tip is also labeled ".047 DIA HOLE FOR WIRE LOCKING". The probe tip is also labeled ".388". The probe tip is also labeled "5".

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

- Overall width: $.375 \pm .030$
- Height of the top section: $.5$
- Keyway width: $.072 \pm .004$ WIDE X $.031$ DEEP KEYWAY TO WITHIN $.250$ OF SHOULDER
- Keying washer: $.72$ DIA X $.031$ THICK TAB $.110$ WIDE
- Corrosion resistant steel internal tooth lockwasher: $.60$ DIA X $.018$ REF THICK (MS35333-136)
- Hex nut: $.62$ ACROSS FLATS X $.125$ THICK (2)
- Thread: 15/32-32UNS THREAD TO WITHIN $.090$ OF SHOULDER
- Paddle lever: (ANODIZED ALUMINUM- LUSTERLESS FINISH)

The drawing includes three callout boxes with the number 7, indicating specific features or materials.

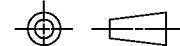


NOTES

- 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 TRANSFER 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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REVISIONS

A	C061410
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15 SEP 87

B	C079565
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G J W
6 AUG 66

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REPLACES

RELEASE NO. DR-5186

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1003

CHECK

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CHECK

CCF

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87	9
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15.5

DDM/CAD

DRAWN