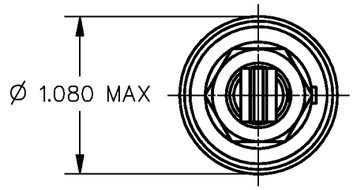
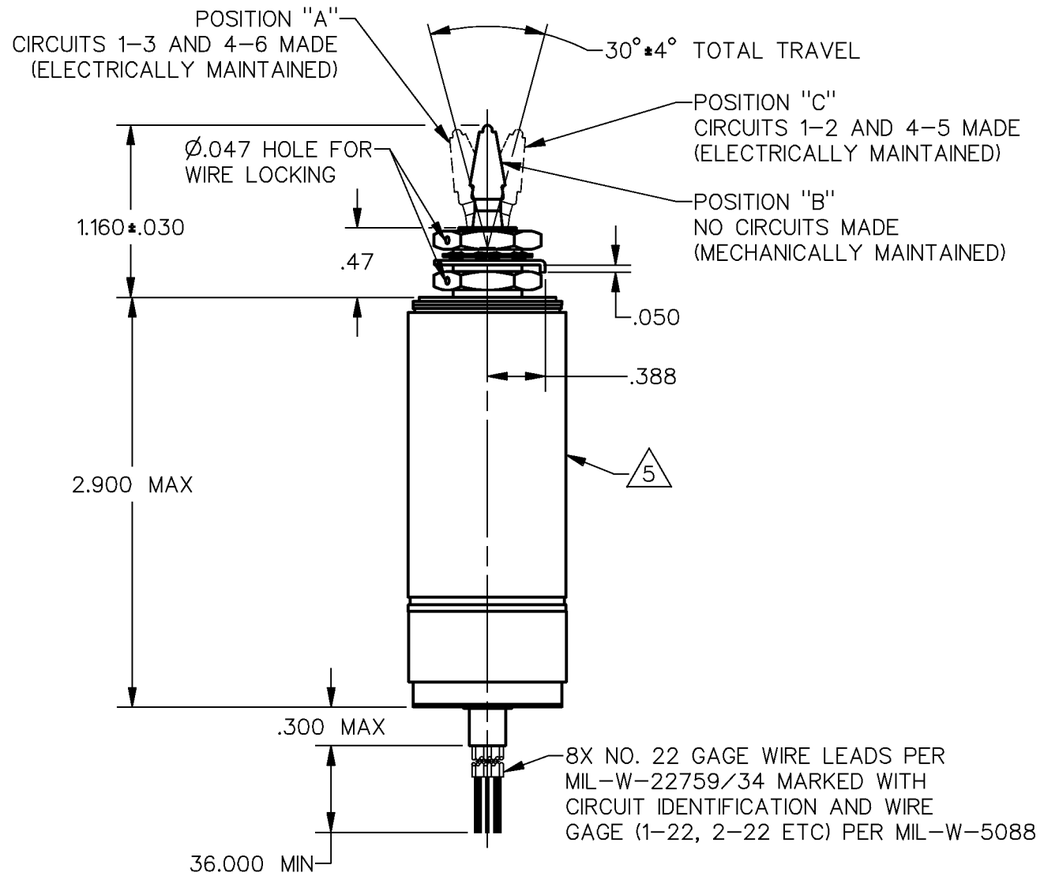
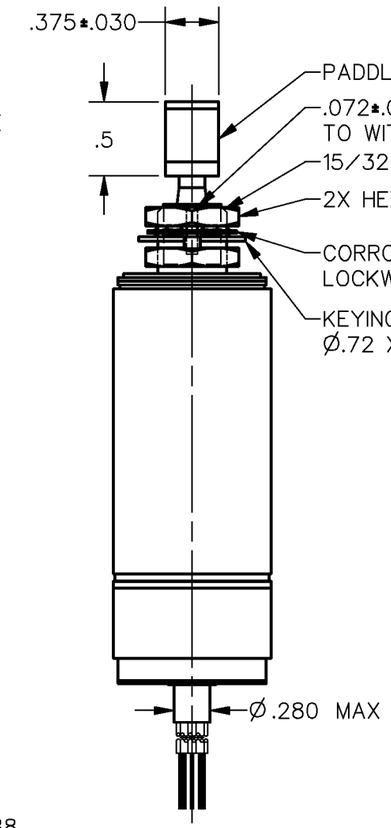
MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

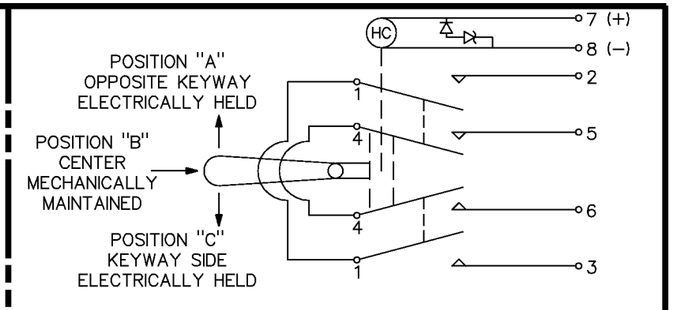
SWITCH – TOGGLE (MAGNETIC HOLD–IN)

CATALOG LISTING
29ET17–3B









MOVEABLE CONTACT MOVES OPPOSITE TO DIRECTION OF TOGGLE HANDLE

CIRCUIT DIAGRAM

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 HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL–S–5594
7 – SWITCHES DO NOT NECESSARILY OPERATE SIMULTANEOUSLY
8 – THE DIODES ARE JANTXV TYPE AND LIMIT THE EMI: SPIKES (TRANSIENTS OF DURATION LESS THAN 500 MICRO SECONDS) GENERATED BY THE SWITCH COIL SHALL NOT EXCEED 42 VOLTS

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACE	(.00)	±.015
THREE PLACE	(.000)	±.005
ANGLES		±

WEIGHT 10 OZ MAX

ANSI Y14.5M–1982 APPLIES

CHARACTERISTICS 3

SOLENOID RATING AT 20° C
STEADY 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

ELECTRICAL DATA

CONTACT ARRANGEMENT
2X S P D T

RATINGS IN AMPERES

VOLTAGE	SEA LEVEL				65,000 FT			
	INRUSH	RES	IND	MOTOR	INRUSH	RES	IND	MOTOR
28 VOLTS DC		1	.5			1	.5	

CATALOG LISTING	ISSUE	REVISIONS	DRAWN	CHECK	CHECK	CHECK	CHECK
29ET17–3B	M 3	A PR–21872 MAM 14 DEC 95 B CO–79565 G J W 8 AUG 96	M A M 14 DEC 95			J A F 3 JAN 96	

PAGE 1 OF 1 | RELEASE NO. PR–21872 | REPLACES | DDM/CAD

Downloaded from Arrow.com.