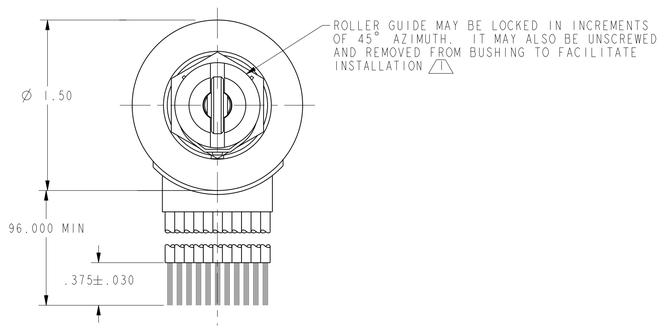
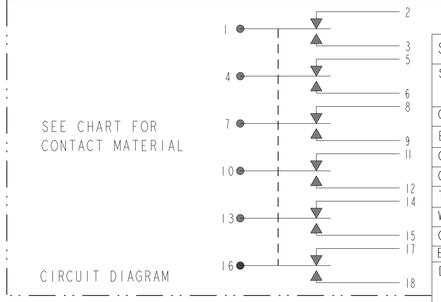
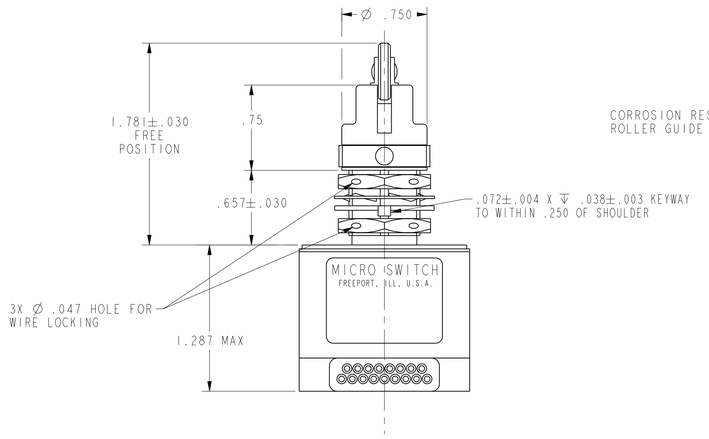
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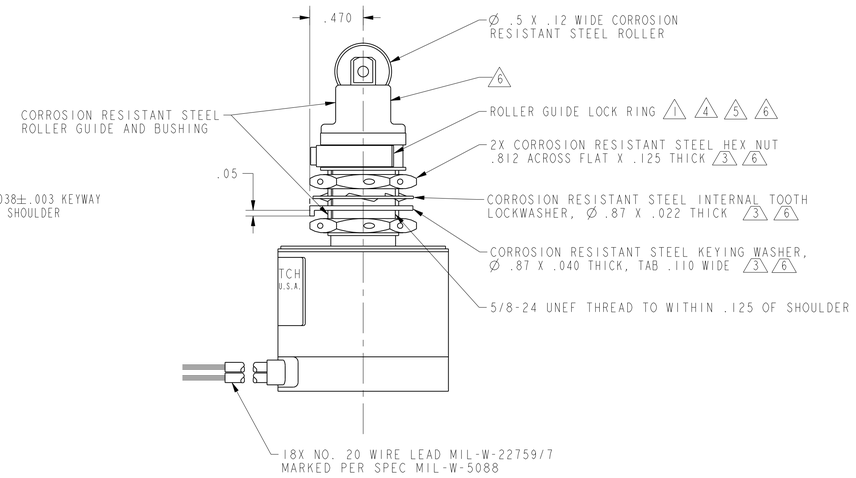
HONEYWELL PART NUMBER
426HE13-8

REV	DOCUMENT	CHANGED BY	CHECK
D	0016259	KR 28OCT05	VA









SPECIFICATION DETAILS:	
STANDARD:	CONFORMS TO MS21321-2 (MIL-PRF-8805/39) EXCEPT AS NOTED
CONSTRUCTION:	
ENCLOSURE DESIGN	HERMETIC SEAL PER MIL-PRF-8805, SYMBOL 5
CONTACT MATERIAL & CONFIGURATION	SEE CIRCUIT DIAGRAM
CIRCUIT CONFIGURATION	S P D T (6)
TERMINATION	LEADWIRE PER MIL-W-22759/7
WEIGHT	32 OZ MAX
O-RING MATERIAL	SILICONE ELASTOMER
ELECTRICAL CHARACTERISTICS:	
DIELECTRIC STRENGTH & INSULATION RESISTANCE	DIELECTRIC STRENGTH (≈ 60 Hz FOR 5 SECONDS) / INSULATION RESISTANCE (500 VDC ±10%)
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL -BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS -BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000 V Rms, 500 µA (MAX LKG) / 1000 meghoms MIN
SWITCH RESISTANCE	N/A
RECOMMENDATION FOR USE: SEE CHART	NOT RECOMMENDED: SEE CHART
MAX ELECTRICAL RATINGS:	

CONTACT ARRANGEMENT: 6 S P D T

	RATINGS			RATINGS	
	SEA LEVEL	50,000 FT		SEA LEVEL	50,000 FT
LOAD	28 VDC	28 VDC	LOAD	28 VDC	28 VDC
RES	SEE CHT	SEE CHT	RES	SEE CHT	SEE CHT
IND	SEE CHT	SEE CHT	IND	SEE CHT	SEE CHT
MOTOR	SEE CHT	SEE CHT	LAMP	SEE CHT	SEE CHT

MECHANICAL CHARACTERISTICS:	
CHARACTERISTICS	
COINCIDENCE OF OPERATING AND RELEASING POINTS	.010 OF PLUNGER TRAVEL
OPERATING FORCE	6-12 LBS
FULL OVERTRAVEL FORCE	30 LBS MAX
RELEASE FORCE	4 LBS MIN
PRETRAVEL	.040 MAX
DIFFERENTIAL TRAVEL	.030 MAX
OVERTRAVEL	.250 MIN
MOUNTING TORQUE	15 IN-LBS RECOMMENDED PER MIL-PRF-8805
MOUNTING STRENGTH	30-IN LBS MAX WILL NOT CAUSE SWITCH DAMAGE
ACTUATOR STRENGTH	30 LBS APPLIES IN A DIRECTION TO CAUSE SWITCH ACTUATION
LIFE:	
MECHANICAL LIFE	150,000 CYCLES
ELECTRICAL LIFE AT FULL RATED LOAD	SEE CHART
ENVIRONMENTAL:	
TEMPERATURE RANGE	-55° C +85° C
ALTITUDE RANGE	SEA LEVEL TO 50,000 FEET
SHOCK	PER MIL-PRF-8805 SYMBOL M - 100g
VIBRATION	PER BOEING D6-81926, REV B (ZONE 3, CATEGORY A)
MOISTURE RESISTANCE	PER MIL-PRF-8805 (10 DAY TEST)
THERMAL SHOCK	200 CYCLES PER MIL-PRF-8805
SALT SPRAY	PER MIL-PRF-8805 (96 HOUR TEST)
PREDICTED LIFE RATINGS BEYOND MIL-PRF-8805 REQUIREMENTS:	

ELECTRICAL LOAD/ENDURANCE REQUIREMENTS @ 28 VDC

CIRCUIT	CONTACT TYPE	LOAD TYPE	CURRENT (mA) MIN	CURRENT (mA) NOMINAL	CURRENT (mA) MAX	INDUCTANCE	ELECTRICAL ENDURANCE
1-2 AND 1-3 4-5 AND 4-6 10-11 AND 10-12	GOLD BIFURCATED	INDUCTIVE	3	-	350	80 mh	150000
		RESISTIVE	1	-	40	N/A	150000
7-8 AND 7-9 13-14 AND 13-15 16-17 AND 16-18	GOLD PLATED SILVER	INDUCTIVE	-	110	-	1.5 h	150000
		INDUCTIVE	150	-	2000	180 mh	75000
		RESISTIVE	1000	-	3000	180 mh	37500
		INDUCTIVE	N/A	-	3150	180 mh	100
		RESISTIVE	1	-	50	N/A	150000

NOTES
1. TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING GUIDE LOCK RING
2 - CIRCUIT DIAGRAM, CATALOG LISTING, FED MFG CODE, FAA-PMA & DATE CODE ARE SHOWN ON NAMEPLATE
3. REPLACEMENT MOUNTING HARDWARE: PACKET 19PA8
4. REPLACEMENT ROLLER GUIDE AND LOCK RING PACKET 15PA104
5. REPLACEMENT LOCK RING: PACKET 15PA137
6. HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
7. FOR MANUFACTURING DETAL SEE ASSEMBLY DRAWING 426HE13-8 FOR FAA-PMA

DESIGN UNITS: INCH
TOLERANCES UNLESS NOTED:

NO PLACE	X	±	.040
ONE PLACE	.X	±	.030
TWO PLACE	.XX	±	.015
THREE PLACE	.XXX	±	.005
FOUR PLACE	.XXXX	±	0.0001
ANGLES	X	±	2°

DRAWN	SWO/AP	21 JAN 05
CHECK	PH/AP	21 JAN 05

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INTERPRET PER ▪▪▪ OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY

Pro/ENGINEER 3D

Honeywell

TITLE: SWITCH-ENCLOSED

SIZE	TYPE	DRAWING NAME	REV
D	1	426HE13-8	D

SCALE 15:1 | FAA-PMA 1 | SHEET 1 OF 1

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