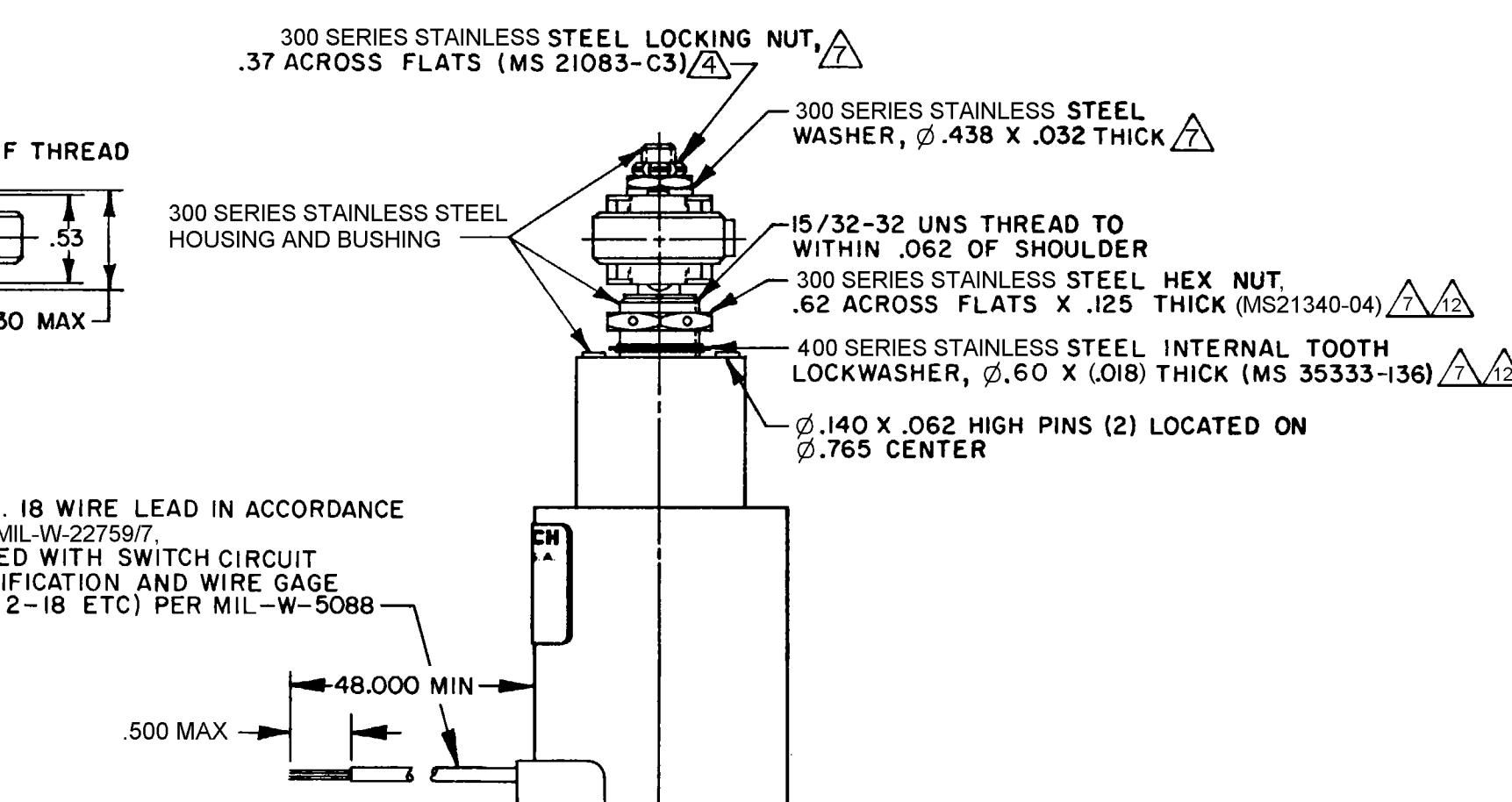
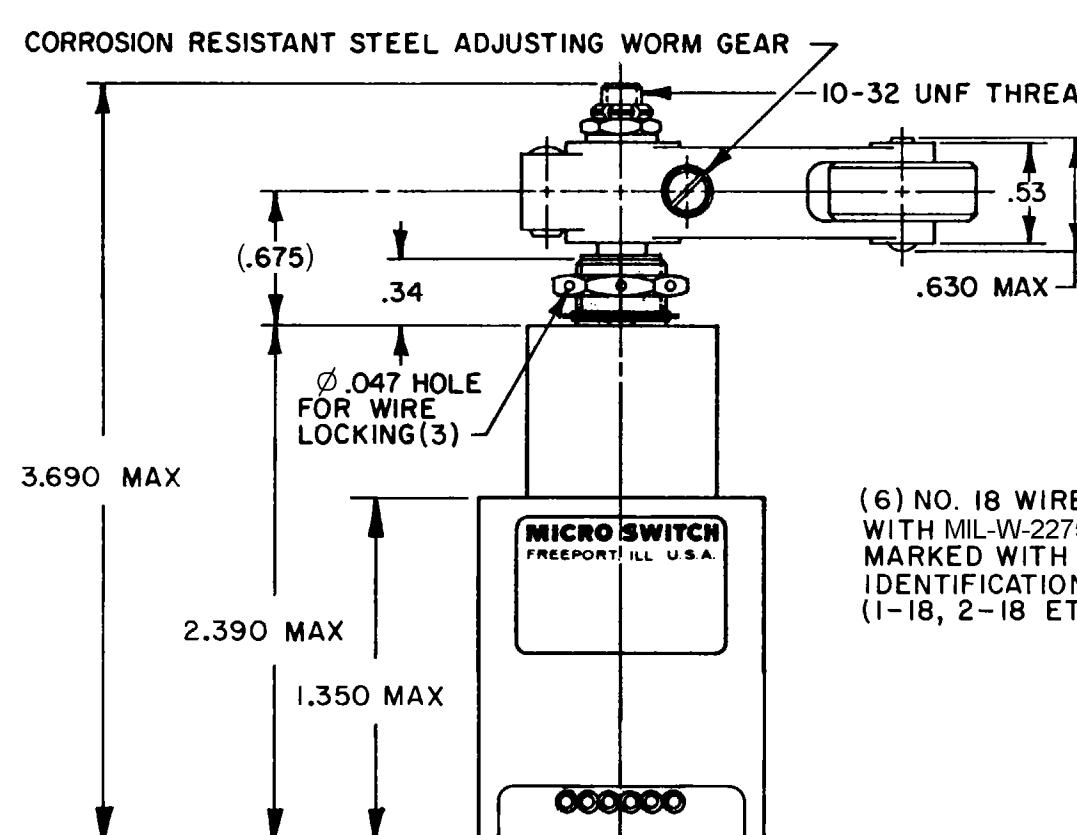
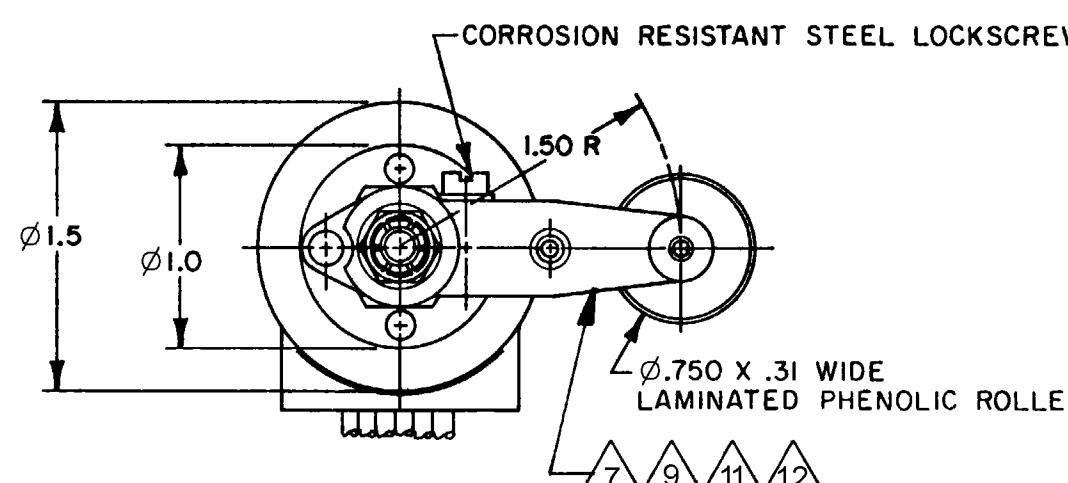
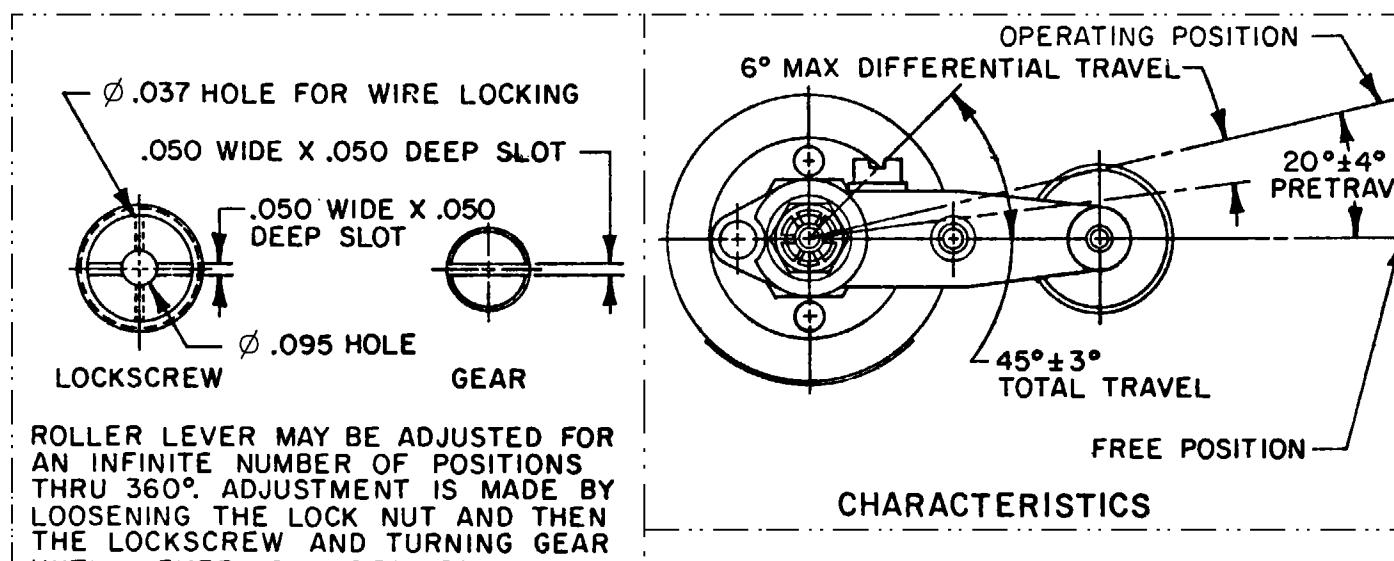
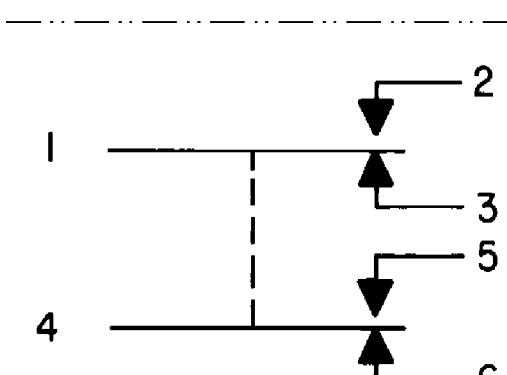


HONEYWELL
PART NUMBER
35EN24-4
FAA-PMA 



SPECIFICATION DETAILS:	
STANDARD:	CONFORMS TO MS21320-8 (MIL-PRF-8805/48), EXCEPT AS NOTED
CONSTRUCTION:	
ENCLOSURE DESIGN:	RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4
CONTACT MATERIAL & CONFIGURATION:	GOLD BIFURCATED CONTACTS
CIRCUIT CONFIGURATION:	2 S.P.D.T.
TERMINATION:	LEADWIRES MIL-W-22759/7
WEIGHT:	11 OZ. MAX
O-RING MATERIAL:	E.P.RUBBER
ELECTRICAL CHARACTERISTICS:	
ELECTRICAL RATINGS	MAX LOAD 28 VDC SEA LEVEL 50,000 FT 28 VDC
-SEA LEVEL	RESISTIVE 1.0 AMP
-50,000 FEET	INDUCTIVE 0.5 AMP
DIELECTRIC STRENGTH & INSULATION RES (BASIC SWITCH)	
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	1000 V Rms, 500 μA (MAX LEAKAGE) 1000 Meghoms MIN
-BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000 V Rms, 500 μA (MAX LEAKAGE) 1000 Meghoms MIN
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000 V Rms, 500 μA (MAX LEAKAGE) 1000 Meghoms MIN
SWITCH RESISTANCE	2.0 OHMS MAX (MEASURED AT 5.0 VDC, 0.1mA) 13
RECOMMENDATION OR USE IN APPL LESS THAN .5 amps AND/OR 12 volts	PREFERRED 10
MECHANICAL CHARACTERISTICS:	
OPERATING TORQUE	12-25 IN-LBS
RELEASE TORQUE	9 IN-LBS MIN (AS ADJUSTED) 4 IN-LBS MIN (AFTER 25K OPS)
DIFFERENTIAL TRAVEL	SEE LEVER DETAIL
OVERTRAVEL	SEE LEVER DETAIL
FULL OVERTRAVEL TORQUE	40 IN-LBS MAX
FREE POSITION	SEE LEVER DETAIL
PRETRAVEL	SEE LEVER DETAIL
MOUNTING STRENGTH	15 IN-LBS
ACTUATOR STRENGTH	10 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH TO ACTUATE
LIFE:	
MECHANICAL LIFE	25,000 MIN PER MIL-PRF-8805/48 14
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN PER MIL-PRF-8805/48 14
ENVIRONMENTAL:	
TEMPERATURE RANGE	-55° C TO +85° C
ALTITUDE RANGE	SEA LEVEL TO 50,000 FT
SHOCK	PER MIL-PRF-8805 SYMBOL M-100g
VIBRATION	PER MIL-PRF-8805 SYMBOL I -10-500 Hz & 10g PEAK
MOISTURE RESISTANCE	PER MIL-PRF-8805 (10 DAY TEST)
TERMAL SHOCK	PER MIL-PRF-8805 (5 CYCLE TEST)
SALT SPRAY	PER MIL-PRF-8805 (96 HOUR TEST)



CIRCUIT DIAGRAM

NOTES
1 CORROSION RESISTANT STEEL ENCLOSURE
2 SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
3 CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE.
FED. MFG. CODE AND FAA - PMA ARE SHOWN ON NAMEPLATE
DO NOT APPLY MORE THAN 20-25 INCH-POUNDS
OF TORQUE WHEN TIGHTENING LOCKING NUT
SHAFT SEAL MATERIAL E.P.RUBBER
BASIC SWITCHES HAVE BIFURCATED GOLD CONTACTS
HARDWARE MAYBE PACKAGED UNASSEMBLED PER MIL-PRF-8805

8 TOTAL TRAVEL OF ROLLER LEVER IS 45°±3° IN COUNTER-CLOCKWISE DIRECTION ONLY, WITH SPRING RETURN TO NEUTRAL

9 CHROMATED ALUMINUM DIE CAST LEVER

10 CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS

11 REPLACEMENT LEVER 6PA30

12 REPLACEMENT MOUNTING HARDWARE - PACKET 19PA209-EN

13 AS MANUFACTURED SWITCH RESISTANCE SHOULD NOT EXCEED THE VALUE SPECIFIED WHEN MEASURED AT ACTUATOR FREE POSITION AND FULL OVERTRAVEL. A NEW SWITCH AS INSTALLED CARRYING APPLICATION LOADS SHOULD HAVE SWITCH RESISTANCE NOT EXCEEDING 1% OF THE LOAD IMPEDANCE. HONEYWELL-MICRO SWITCH VERIFIES SWITCH RESISTANCE USING THE FOUR-WIRE VOLTAGE DROP METHOD

14 LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA

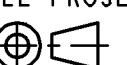
15 FOR MANUFACTURING DETAIL SEE ASSEMBLY DRAWING 35EN24-4 FOR FAA-PMA

DESIGN UNITS: INCH
TOLERANCES UNLESS NOTED:
NO PLACES X ± 0.040
ONE PLACE .X ± 0.030
TWO PLACES .XX ± 0.015
THREE PLACES .XXX ± 0.005
FOUR PLACES .XXXX ± 0.0005
ANGLES X ± 2°

DRAWN JAP 29APR80
CHECK DJW 01MAY80
THIS DRAWING COVERS A PROPRIETARY ITEM
AND IS THE PROPERTY OF HONEYWELL.
THIS DRAWING IS NOT TO BE COPIED OR USED
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INTERPRET PER ASME Y14.5M-1994
OTHER HONEYWELL ENGINEERING
STANDARDS MAY APPLY

SIZE TYPE CAGE CODE DRAWING NAME REV
C I 91929 35EN24-4 12

THIRD ANGLE PROJECTION


RASTER

SCALE - NONE

SHEET 1 OF 1

Honeywell

SWITCH - ENCLOSED