

MICRO SWITCH

FREEPORT ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH-BASIC

CATALOG LISTING
8HM73-3

8HM73-3

M

DRAWING
NUMBER

2

X

ISSUE

3

REPLACES

RELEASE NO. PR-12989

CHECK

08DEC08

RS

CHECK

3 MAY 84

KAG

CHECK

26 APR 84

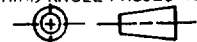
KJS

NOTES

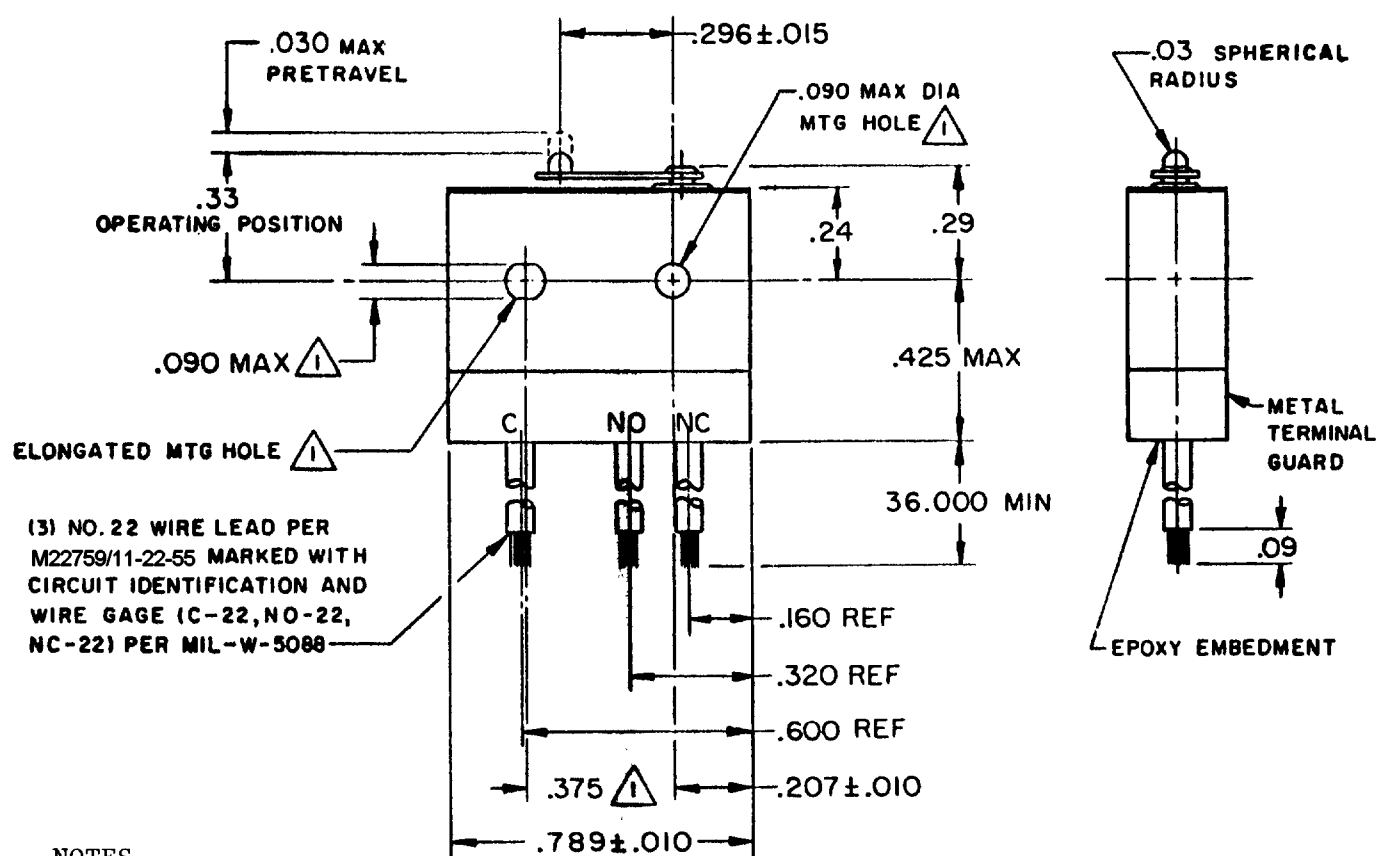
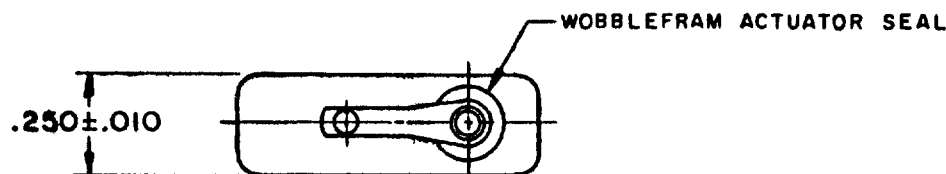
- 1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375±.002 CENTERS
- 2 - FOR USE IN TEMP. RNG. -85°F TO 250°F (DOWN TO -300°F IF WIRE LEADS ARE NOT FLEXED)
- 3 - HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
- 4 - ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
- 5 WT OF SW. ONLY IS 0.22 OZ MAX. WT. OF CNDCT. GROUP ONLY IS 0.20 OZ MAX/FOOT
- 6 - DO NOT APPLY MORE THAN 1 1/2 IN LB OF TRQ WHEN TIGHTENING MOUNTING SCREWS
- 7 - 24K GOLD MOVABLE CONTACT
- 8 - GOLD ALLOY STATIONARY CONTACTS

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THIRD ANGLE PROJECTION



CHARACTERISTICS	ELECTRICAL DATA	SCALE 2:1																														
OPERATING FORCE-----7 OZ MAX	CONTACT ARRANGEMENT S P D T	DO NOT SCALE PRINT																														
RELEASE FORCE-----1 OZ MIN	28 VOLTS DC RATING	TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE UNLESS NOTED. TOLERANCES ARE ±																														
DIFFERENTIAL TRAVEL-----.006 MAX	INDUCTIVE-----SEA LEVEL-1/4 AMP 70,000 FT--1/4 AMP	<table><tr><th></th><th>DIM. mm</th><th>TOL. mm/in</th><th>DIM. in</th><th>TOL. mm/in</th></tr><tr><td>NO PLACES</td><td>X</td><td>1/.04</td><td>X</td><td>0.01/0.25</td></tr><tr><td>ONE PLACE</td><td>X,X</td><td>0.47/0.18</td><td>X,X</td><td>0.004/0.18</td></tr><tr><td>TWO PLACES</td><td>X,X,X</td><td>0.16/0.008</td><td>X,X,X</td><td>0.16/0.008</td></tr><tr><td>THREE PLACES</td><td></td><td></td><td></td><td></td></tr><tr><td>ANGLES</td><td></td><td></td><td></td><td></td></tr></table>		DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in	NO PLACES	X	1/.04	X	0.01/0.25	ONE PLACE	X,X	0.47/0.18	X,X	0.004/0.18	TWO PLACES	X,X,X	0.16/0.008	X,X,X	0.16/0.008	THREE PLACES					ANGLES				
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OVERTRAVEL-----.003 MIN	RESISTIVE-----SEA LEVEL--1 AMP 70,000 FT--1 AMP	<table><tr><td>DESIGN UNITS</td><td>☐ SI METRIC</td><td>☒ US CUSTOMARY</td></tr><tr><td>WEIGHT</td><td colspan="2"></td></tr></table>	DESIGN UNITS	☐ SI METRIC	☒ US CUSTOMARY	WEIGHT																										
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(3) NO. 22 WIRE LEAD PER
M22759/11-22-55 MARKED WITH
CIRCUIT IDENTIFICATION AND
WIRE GAGE (C-22, NO-22,
NC-22) PER MIL-W-5088

CHARACTERISTICS

OPERATING FORCE-----7 OZ MAX
RELEASE FORCE-----1 OZ MIN
DIFFERENTIAL TRAVEL-----.006 MAX
OVERTRAVEL-----.003 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T
28 VOLTS DC RATING
INDUCTIVE-----SEA LEVEL-1/4 AMP
70,000 FT--1/4 AMP
RESISTIVE-----SEA LEVEL--1 AMP
70,000 FT--1 AMP

SCALE 2:1

DO NOT SCALE PRINT
TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR
REFERENCE UNLESS NOTED. TOLERANCES ARE ±
DESIGN UNITS ☐ SI METRIC ☒ US CUSTOMARY
WEIGHT ☒ 5

RASTER

FO-52848-A

DRAWN

26 APR 84

KJS