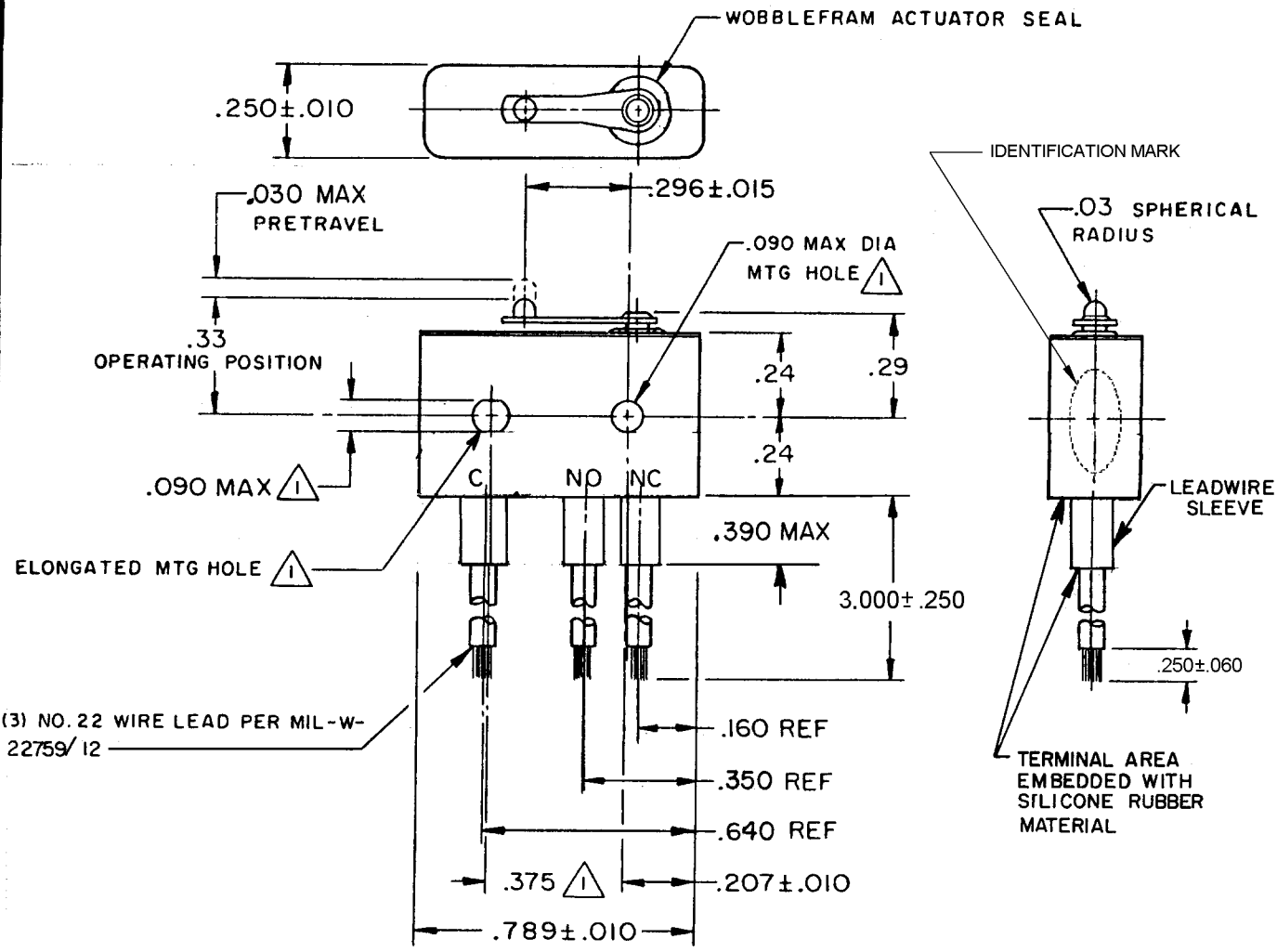
MICRO SWITCH
FREEPORT ILLINOIS, U.S.A
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH - BASIC

CATALOG LISTING
16HM32



NOTES

1 - MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375±.002 CENTERS

2 FOR USE IN TEMPERATURE RANGE -85°F TO +500°F (-65°C TO 260°C) (DOWN TO -300°F (-184°C) IF WIRE LEADS ARE NOT FLEXED)

3 - SWITCH IS HERMETICALLY SEALED PER ENCLOSURE DESIGN SYMBOL 5 OF MIL-PRF-8805

4 - ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS

5 - WEIGHT OF SWITCH ONLY IS .026 LB MAX.

6 - DO NOT APPLY MORE THAN 1 1/2 INCH LBS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS

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THIRD ANGLE PROJECTION

CHARACTERISTICS

OPERATING FORCE ------ 7 OZ MAX
RELEASE FORCE ------ 1 OZ MIN
DIFFERENTIAL TRAVEL --- .0003-.006
OVERTRAVEL ------ .003 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T

LINE VOLTAGE	INDUCTIVE LOAD	RESISTIVE LOAD
28 VDC	1 AMP	3 AMP
115 VAC (400 CYCLE)	1 AMP	1 AMP

SCALE 2 TO 1

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/.04		
ONE PLACE	X.X	0.4/.016	X.X	0.8/.03
TWO PLACES	X.XX	0.15/.006	X.XX	0.38/.015
THREE PLACES			X.XXX	0.13/.005
ANGLES				

DESIGN UNITS SI METRIC ☐ US CUSTOMARY ■

WEIGHT 5

DRAWN VS 27FEB08
CHECK BLR 27FEB08
CHECK
REVISIONS
A 0037763 VS 27FEB08
CHECK
REPLACES
RELEASE NO. M 16HM32
DRAWING NUMBER
ISSUE A

FD-52848-A

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