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

SWITCH – BASIC

CATALOG LISTING
4HM49

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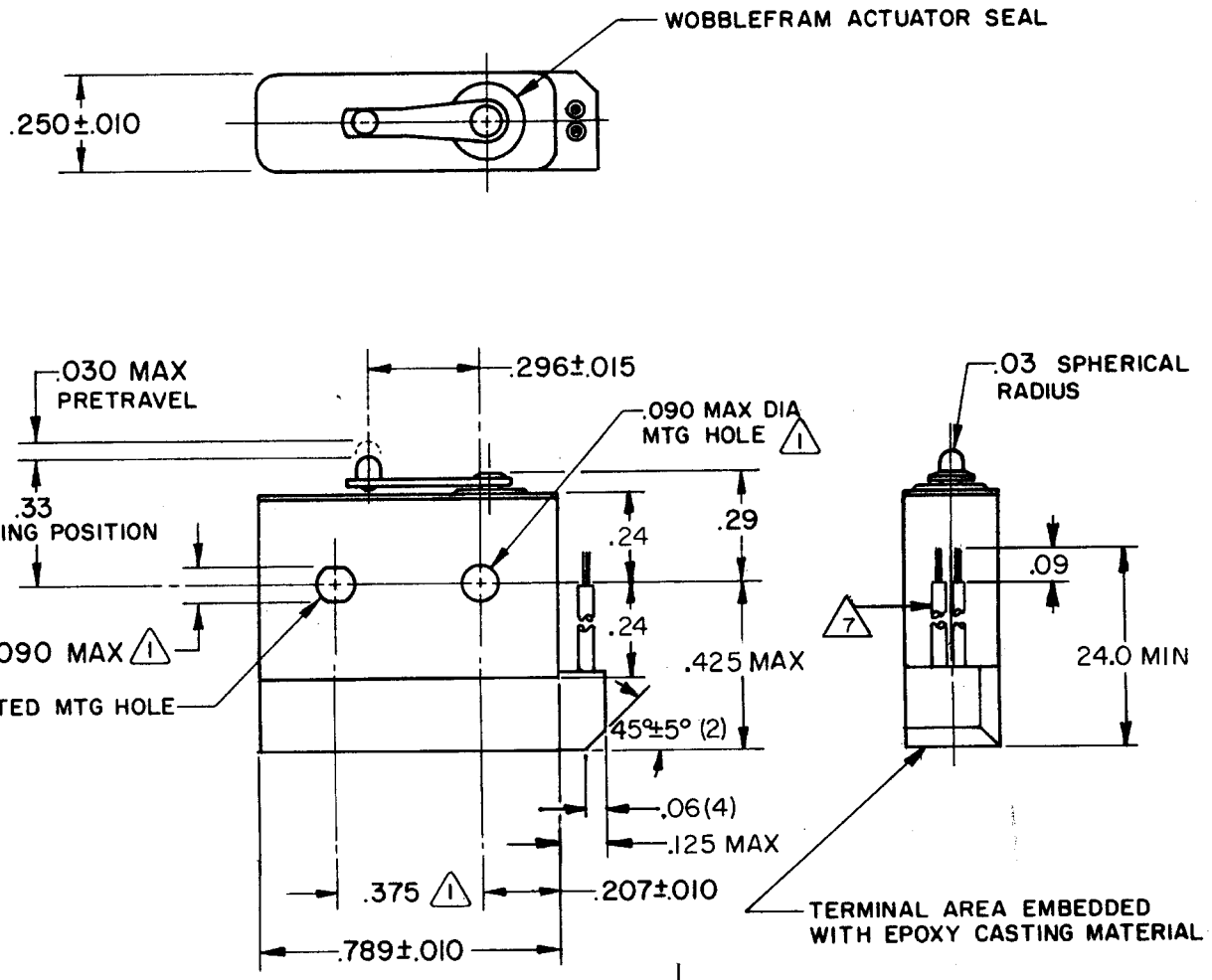

NOTE-
1. MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375±.002 CENTERS
2. FOR USE IN TEMPERATURE RANGE -300°F TO +300°F
3. HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
4. ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
5. 24K GOLD MOVABLE CONTACT
6. DO NOT APPLY MORE THAN 1 1/2 INCH-LBS OF TORQUE WHEN TIGHTENING MOUNTING SCREWS
7. (2) NO. 24 WIRE LEAD PER MIL 22759/11 (COMMON: RED, NORMALLY-OPEN: GREEN)
8. GOLD ALLOY STATIONARY CONTACTS
9. WEIGHT OF SWITCH ONLY 0.22 OZ MAX. WEIGHT OF CONDUCTOR GROUP ONLY IS 0.14 OZ MAX PER FOOT
10. CONFIGURATION CONTROL PER BENDIX CCR-0020

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THIRD ANGLE PROJECTION

CHARACTERISTICS

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

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P N O

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 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				

SI METRIC ☐ US CUSTOMARY ☒
DESIGN UNITS

WEIGHT 9

M 4HM49

ISSUE	DRAWING NUMBER	REPLACES
X	12	
		RELEASE NO. PR-5181

REVISIONS

A	PR-5181		
	R E R 26 SEP 75		
B	C045333		
	S J B 4 MAY 79		
C	C052357		
	R J H 18 NOV 82		
D	C052357-2		
	KAG 30 DEC 82		
E	CO 58221	CHECK	
	M A M 26 SEP 85	75	
F	C071228	SPT	
	D A W 1 NOV 91	29	
G	C079496	DJW	
	S A D 17 DEC 94	CHECK	
R	E R 26 SEP 75	DRAWN	

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