

MICRO SWITCH

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

SWITCH - BASIC

CATALOG LISTING
4 HM 54

S

4 HM 54

M

DRAWING
NUMBER

X 8 9

X 8 6

ISSUE

X 8 8

REPLACES

RELEASE NO. PR-8166

CHECK

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26 OCT 79

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WOBBLEFRAM ACTUATOR SEAL

.250±.010

7

.030 MAX
PRETRAVEL

.296±.015

.090 MAX DIA
MTG HOLE 1

.03 SPHERICAL
RADIUS

.33
OPERATING POSITION

.090 MAX 1

ELONGATED MTG HOLE 1

.375 1

.789±.010 8.000 MIN

.500 MAX

METAL
TERMINAL
GUARD

.09

NOTE-

- 1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF .087 MAX DIA ON .375±.002 CENTERS
- 2 - FOR USE IN TEMPERATURE RANGE -300° TO +392° F
- 3 - HERMETICALLY SEALED (METAL-TO-METAL, GLASS-TO-METAL)
- 4 - ALL EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIALS
- 5 - 24 K 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 POTTING OF TERMINAL AREA RECOMMENDED
- 11 - CONFIGURATION CONTROL PER BENDIX CCR -0032

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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.	TOL.	DIM.	TOL.
mm	mm/in	in	mm/in
NO PLACES	X	1/64	
ONE PLACE	X,X	0.4/0.16	X X
TWO PLACES	X,X,X	0.15/0.06	X X X
THREE PLACES			
ANGLES			

DESIGN UNITS ☐ METRIC ☒ US CUSTOMARY

WEIGHT 9

FO-52848-A

DRAWN

G J W

Mouser Electronics

Authorized Distributor

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