

MICRO SWITCH

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

SWITCH - BASIC

CATALOG LISTING

IXE79-3

IXE79-3

DRAWING
NUMBER

2

ISSUE

REPLACES

RELEASE NO. PR-5812

CHECK

CHECK

29 APRIL 76

CHECK

CHECK

76

APR 76

FO-52848-A

.050 MAX
PRETRAVEL

.425 ± .020
OPERATING
POSITION

.27 ELONGATED
MTG HOLE

COMMON

.316 ± .010

CORROSION RESISTANT TREATED METAL ENCLOSURE

CORROSION RESISTANT STEEL PLUNGER

.060 DIA

.188 ± .020

ELASTOMER PLUNGER SEAL

.33

.091 MAX DIA
MTG HOLE

NORMALLY OPEN

.188

.214 ± .010

.616 ± .010

A Δ
.070 SPHERICAL
RADIUS

36.0 MIN

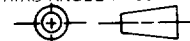
(2) NO. 20 WIRE LEAD PER
M22759/7 EMBEDDED
IN EPOXY CASTING RESIN

NOTE-

- 1 MOUNTING HOLES WILL ACCEPT .087 MAX DIA PINS
OR SCREWS ON .188 ± .002 CENTERS
- 2 ACTUATION IN LINE WITH ARROW "A" IS RECOMMENDED
- 3 WEIGHT OF SWITCH ONLY IS .16 OZ MAX. WEIGHT OF SWITCH
WITH WIRE LEADS IS .75 OZ MAX

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THIRD ANGLE PROJECTION



CHARACTERISTICS

OPERATING FORCE - - - - - 5-17 OZ

RELEASE FORCE - - - - - 4 OZ MIN

RELEASE TRAVEL - - - - - .004 MIN

DIFFERENTIAL TRAVEL - - - .005 MAX

OVERTRAVEL - - - - - .004 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P N O

28 VOLTS DC RATING

INDUCTIVE - - - - - SEA LEVEL - - - 4 AMP

50,000 FT - - - 2.5 AMP

RESISTIVE - - - - - SEA LEVEL - - - 7 AMP

50,000 FT - - - 7 AMP

MAXIMUM INRUSH - - - - - 24 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	X	0.8/.03
ONE PLACE	X,X	0.4/.016	X,X	0.38/.015
TWO PLACES	X,X,X	0.15/.006	X,X,X	0.13/.005
THREE PLACES				
ANGLES				

DESIGN UNITS ☐ SI METRIC

☒ US CUSTOMARY

WEIGHT

3