

MICRO SWITCH

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

SWITCH - BASIC

CATALOG LISTING

IXE70

IXE70

PAGE 1 OF 1

M

DRAWING
NUMBER

5

6

ISSUE

6

REPLACES

RELEASE NO. PR-4212

CHECK

REVISIONS

A	REINST PR-11624
J A P	21 OCT 82
B	CO 57328-A
WJM	15 APR 85
C	C094282
DLM	3 MAR 99

CHECK

22 OCT 82

C E B

82 CHECK

J A P

21 OCT

82 CHECK

FORMTEK

FO-5284B-A

DRAWN

ELASTOMER PLUNGER SEAL

CORROSION RESISTANT TREATED METAL ENCLOSURE

CORROSION RESISTANT STEEL PLUNGER

.050 MAX
PRETRAVEL

.060 DIA

.188 ± .020

.425 ± .020
OPERATING
POSITION

.33

.27 ELONGATED
MTG HOLE

.091 MAX DIA
MTG HOLE

"COMMON 22"

"CLOSED 22"

.188

.214 ± .010

.616 ± .010

A Δ
.070 SPHERICAL
RADIUS

12.000 MIN

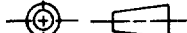
(2) NO. 22 (WHITE) WIRE LEAD
PER MIL-W-22759/9
EMBEDDED IN EPOXY CASTING
RESIN AND MARKED PER
MIL-W-5088

NOTES

- 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 5.5 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 C

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	
ONE PLACE	X,X	0.4/.016	X,X 0.8/.03
TWO PLACES	X,X,X	0.16/.008	X,X,X 0.38/.015
THREE PLACES	X,X,X,X		X,X,X,X 0.13/.005

SI METRIC

US CUSTOMARY

DESIGN UNITS ☐

WEIGHT Δ