

MICRO SWITCH

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

SWITCH-BASIC

CATALOG LISTING

IXE401-6

IXE401-6

PAGE 1 OF 1

REPLACES

RELEASE NO. PR-4770

M

DRAWING
NUMBER

5

ISSUE

6

CHECK

REVISIONS

A CO-51463

KAG
23 JUL 82

B CO
57328-A

WJM
15 APR 85

C CO94274

DLM
16 MAR 99

CHECK

30 JULY 82

CHECK

02 FEB

02 JUL

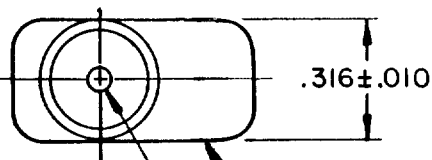
02 JUL

FORMTEK

FO-52848-A

DRAWN

ELASTOMER PLUNGER SEAL



.316 ± .010

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

NORMALLY CLOSED

NORMALLY OPEN

.188

.214 ± .010

.616 ± .010

A ²
.070 SPHERICAL
RADIUS

72.000 +2.000
-0.000

(3) NO. 20 WIRE LEAD PER
MIL-W-22759/11 EMBEDDED
IN EPOXY CASTING RESIN

NOTES



MOUNTING HOLES WILL ACCEPT .087 MAX DIA PINS
OR SCREWS ON .188 ± .002 CENTERS



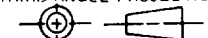
ACTUATION IN LINE WITH ARROW "A" IS RECOMMENDED



WEIGHT OF SWITCH ONLY IS .16 OZ MAX. WEIGHT OF
SWITCH WITH WIRE LEADS IS 2.23 OZ MAX

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THIRD ANGLE PROJECTION



CHARACTERISTICS

OPERATING FORCE ----- 5-17 OZ

RELEASE FORCE ----- 3 OZ MIN

RELEASE TRAVEL ----- .004 MIN

DIFFERENTIAL TRAVEL ----- .005 MAX

OVERTRAVEL ----- .004 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T

28 VDC

INDUCTIVE ----- SEA LEVEL ----- 0.5 AMP

RESISTIVE ----- SEA LEVEL ----- 1.0 AMP

SCALE 2:1

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	0.01
ONE PLACE	X,X	0.4/.016	X,X	0.01/.016
TWO PLACES	X,X,X	0.16/.008	X,X,X	0.004/.016
THREE PLACES	X,X,X,X		X,X,X,X	0.13/.008
ANGLES				

DESIGN UNITS ☐ SI METRIC

US CUSTOMARY ☒

WEIGHT ³