

MICRO SWITCH
FREEPORT ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 81929

SWITCH-ENCLOSED

CATALOG LISTING
21CX 22CX
SERIES CHART 2

CONVERSION CHART

7,25	.285
7,29	.287
7,92	.312
8,5	.33
9,4	.37
12,7	.50
17,8	.70
18,3	.72
20,3	.80
22,3±1,5	.880±.059
25,4	1.00
32,0	1.26
40,0	1.57
50,8	2.00
60,35	2.38
80,0	3.15
97,0	3.82
101,6	4.00
133,0	5.24
145,0	5.71
0,5 Nm	.3 PF
1,25 Kg	2.75 LB

21CX22CX
SERIES CHART 2
PAGE 1 OF 1

M

DRAWING
NUMBER

1418

1617

ISSUE

1617

CHECK

REVISIONS

A C080111

JAK
21 MAR 93

B C082481

JAK
27 FEB 96

C C0-91491

CSL
2 FEB 98

D C095297

GJW
7 JUL 99

CHECK

16 SEPT 77

16 SEPT 77

16 SEPT 77

16 SEPT 77

16 SEPT 77

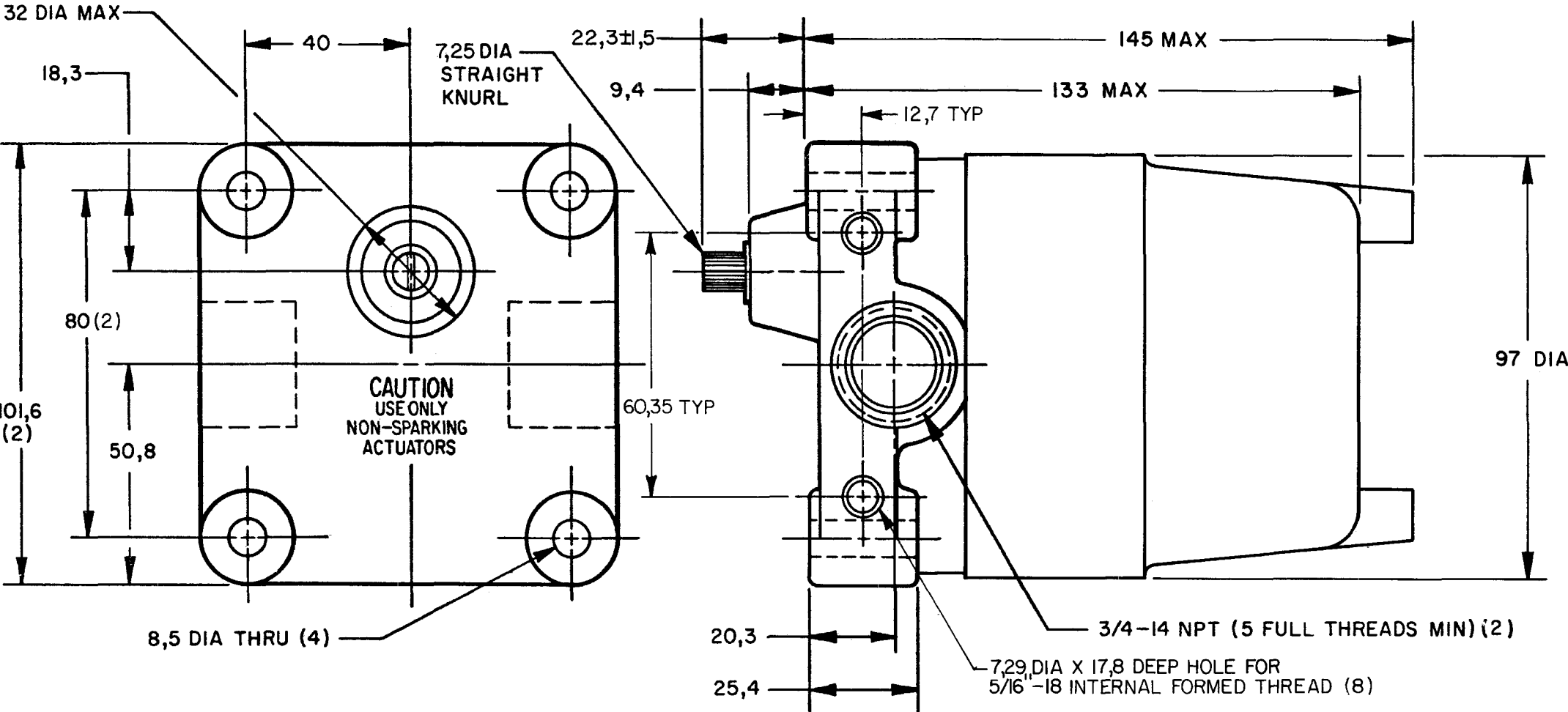
16 SEPT 77

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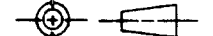


NOTES

- 1 - EXPLOSION PROOF-UNDERWRITERS LAB INC LISTING FOR HAZARDOUS LOCATIONS CLASS I, GROUPS C AND D; CLASS II, GROUPS E, F AND G
- 2 - ALUMINUM ENCLOSURE FINISHED WITH BLUE AND BLACK EPOXY PAINT
- 3 - 6-32 UNC X 7,92 REF PAN HEAD TERMINAL SCREW AND LOCK-WASHER (SEMS TERMI-LOX) (3 PER BASIC)
- 4 - CAMS MAY BE REPOSITIONED IN 7°20' INCREMENTS
- 5 - FOR USE IN TEMPERATURES UP TO 85° C
- 6 - UNIT PROVIDES NO SHAFT RESTORING FORCE, THE ACTUATING DEVICE MUST CONTROL MOVEMENT OF SHAFT
- 7 - SEE (M) 7CX CHART 1 AND 2 FOR LEVER ACTUATORS

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THIRD ANGLE PROJECTION



SCALE 3/4 TO 1

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

DIM. TOL. DIM. TOL.

NO PLACES X 1/04 X X 0,8/03

ONE PLACE X,X 0,4/016 X,X 0,36/019

TWO PLACES X,XX 0,15/006 X,XX 0,13/006

THREE PLACES X,XXX 0,13/006

ANGLES

DESIGN UNITS

SI METRIC

US CUSTOMARY

RAW MATERIAL-COMMERCIAL STANDARD

MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE

PROTECTIVE COATINGS ARE APPLIED

WEIGHT 1.25 Kg APPROX

CHARACTERISTICS	21CX	22CX
OPERATING FORCE ---	0,50 Nm MAX	0,50Nm MAX
PRETRAVEL ---	15° MAX	15° MAX
DIFFERENTIAL TRAVEL ---	10° MAX	10° MAX
OVERTRAVEL ---	90° MIN	90° MIN

CONTACT ARRANGEMENT
S P D T
(EACH BASIC)

CAT. LIST	DESCRIPTION	ELECTRICAL DATA
21CX13-	3 BASICS; EACH OPERATES CLOCKWISE & COUNTER CLOCKWISE	UL LISTED-FILE E-14274 CODE L96 15A-125, 250 OR 480 VAC 1/8 HP-125 VAC; 1/4 HP-250 VAC 1/2 A-125 VDC; 1/4 A-250 VDC
21CX14-	4 BASICS; EACH OPERATES CLOCKWISE & COUNTER CLOCKWISE	
21CX16-	4 BASICS; 2 OPERATE CW ONLY; 2 OPERATE COUNTER CLOCKWISE ONLY	
21CX12	2 BASICS; EACH OPERATES CLOCKWISE & COUNTER CLOCKWISE	
21CX12F	2 BASICS; EACH OPERATED CLOCKWISE & COUNTERCLOCKWISE - TWO ADDITIONAL CAMS PROVIDE DETENT ACTION	
(C)	3 BASICS; EACH OPERATES CLOCKWISE & COUNTER CLOCKWISE	UL LISTED-FILE E14274 CODE L23 20A-125, 250 OR 480 VAC 10A-125 VAC "L" 1HP-125 VAC; 2HP-250 VAC 1/2A-125 VDC; 1/4A-250 VDC