MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED. MFG. CODE 81939

SWITCH-ENCLOSED

CATALOG LISTING
21CX 22CX

SERIES CHART 2

21CX 22CX SERIES CHART 2 PAGE 1 OF 1

RELEASE NO. PR-6800-T REPLACES

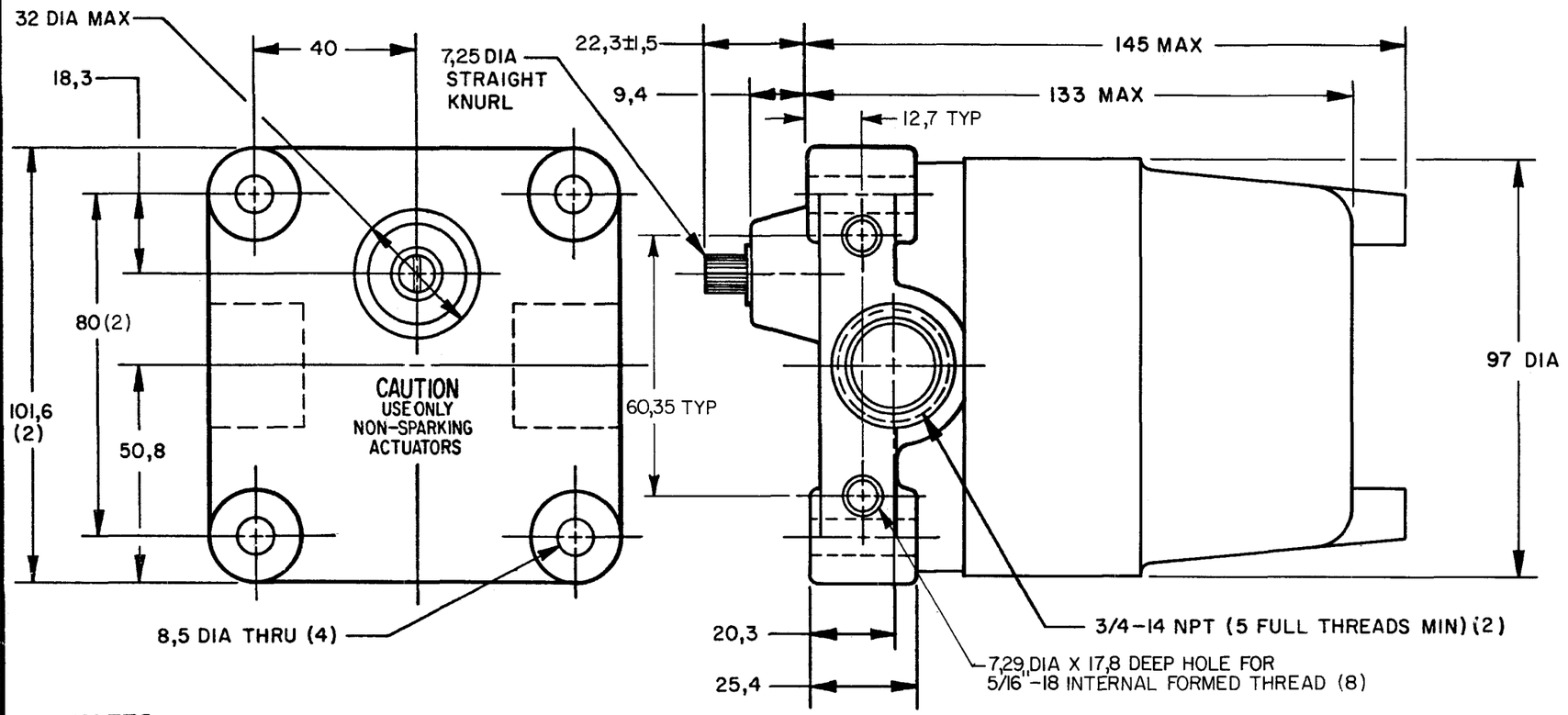
DRAWING NUMBER M

ISSUE 14 15 16 17

REVISIONS

A	C080111	JAK 21 MAR 95	16 SEPT 77
B	C082481	JAK 27 FEB 96	MET
C	CO-91491	CSL 2 FEB 98	CHECK
D	C095297	GJW 7 JUL 99	16 SEPT 77
			GLH
			CHECK
			31 AUG 77
			DRAWN
			JAL

FORMTEK



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

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

CAT. LIST 7	DESCRIPTION 6	ELECTRICAL DATA
21CX13-	3 BASICS; EACH OPERATES CLOCK-WISE & 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 SP
21CX14-	4 BASICS; EACH OPERATES CLOCK-WISE & COUNTER CLOCKWISE	
21CX16-	4 BASICS; 2 OPERATE CW ONLY; 2 OPERATE COUNTER CLOCKWISE ONLY	
21CX12	2 BASICS; EACH OPERATES CLOCK-WISE & COUNTER CLOCKWISE	
21CX12F	2 BASICS; EACH OPERATED CLOCK-WISE & 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 SP

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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. mm	TOL. mm/m	DIM. in	TOL. mm/m
NO PLACES	X	1/.04		
ONE PLACE	X,X	0.4/.016	X.X	0.8/.03
TWO PLACES	X,XX	0.15/.006	X.XX	0.38/.015
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	0,50 Nm MAX
PRETRAVEL	15° MAX	15° MAX
DIFFERENTIAL TRAVEL	10° MAX	10° MAX
OVERTRAVEL	90° MIN	90° MIN

CONTACT ARRANGEMENT
SPDT
(EACH BASIC)