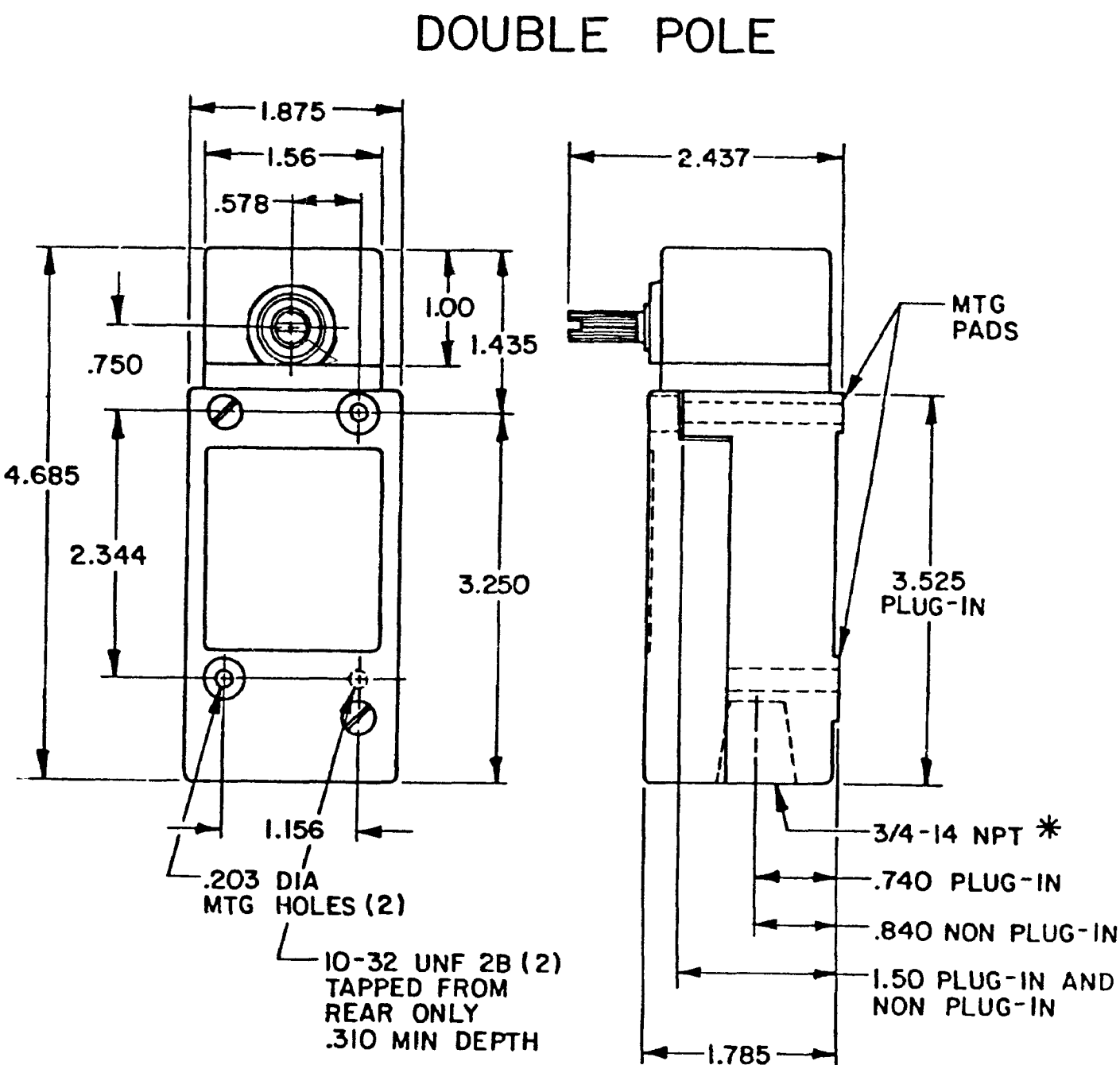


[illegible]

TYPE: LSA2, LSH2, LSM2, LSN2, LSP2, LSR2
LSA4, LSH4, LSM4, LSN4, LSP4, LSR4

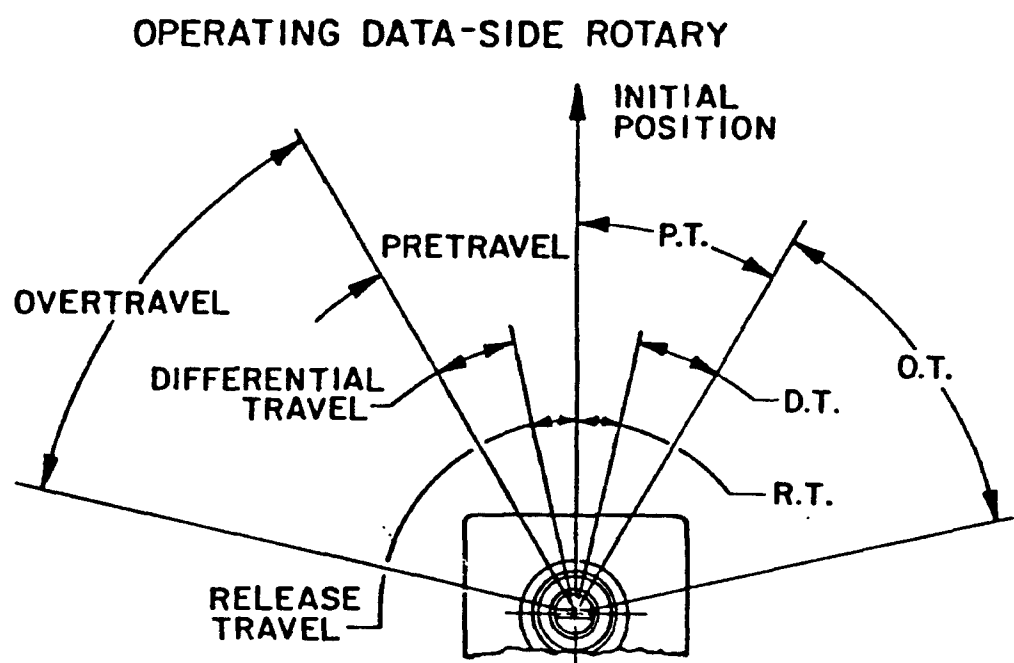
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP

1.900

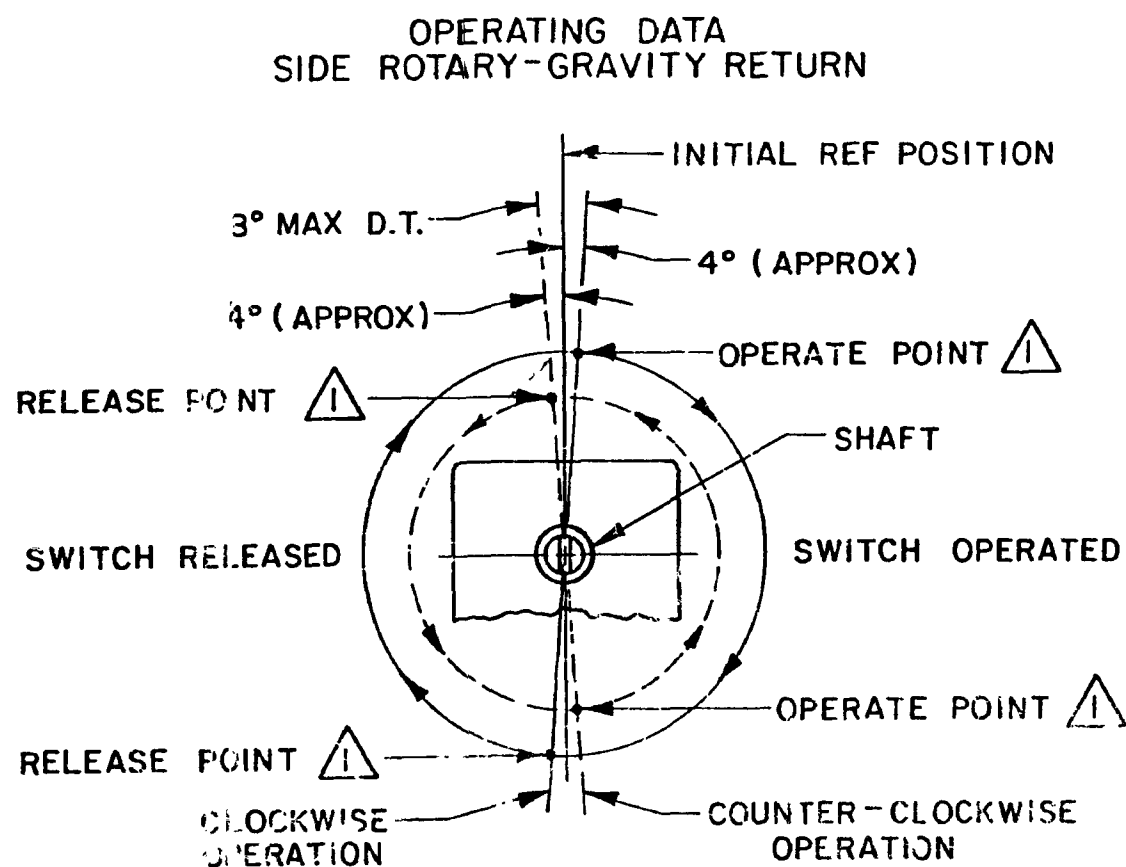
.180 X .400 LENS
(FLUSH WITH HOUSING)

The diagram shows a rectangular plug-in unit. A vertical dimension line on the left indicates a height of 1.900. A horizontal dimension line at the bottom indicates a width of .180. A small rectangular lens is shown on the front face, with a callout indicating it is .180 x .400 and flush with the housing. The unit has a screw terminal on the left and a circular indicator lamp on the right.

240 LAMP VOLTAGE -
TYPE LSA8, LSH8, LSN8, LSP8, LSR8



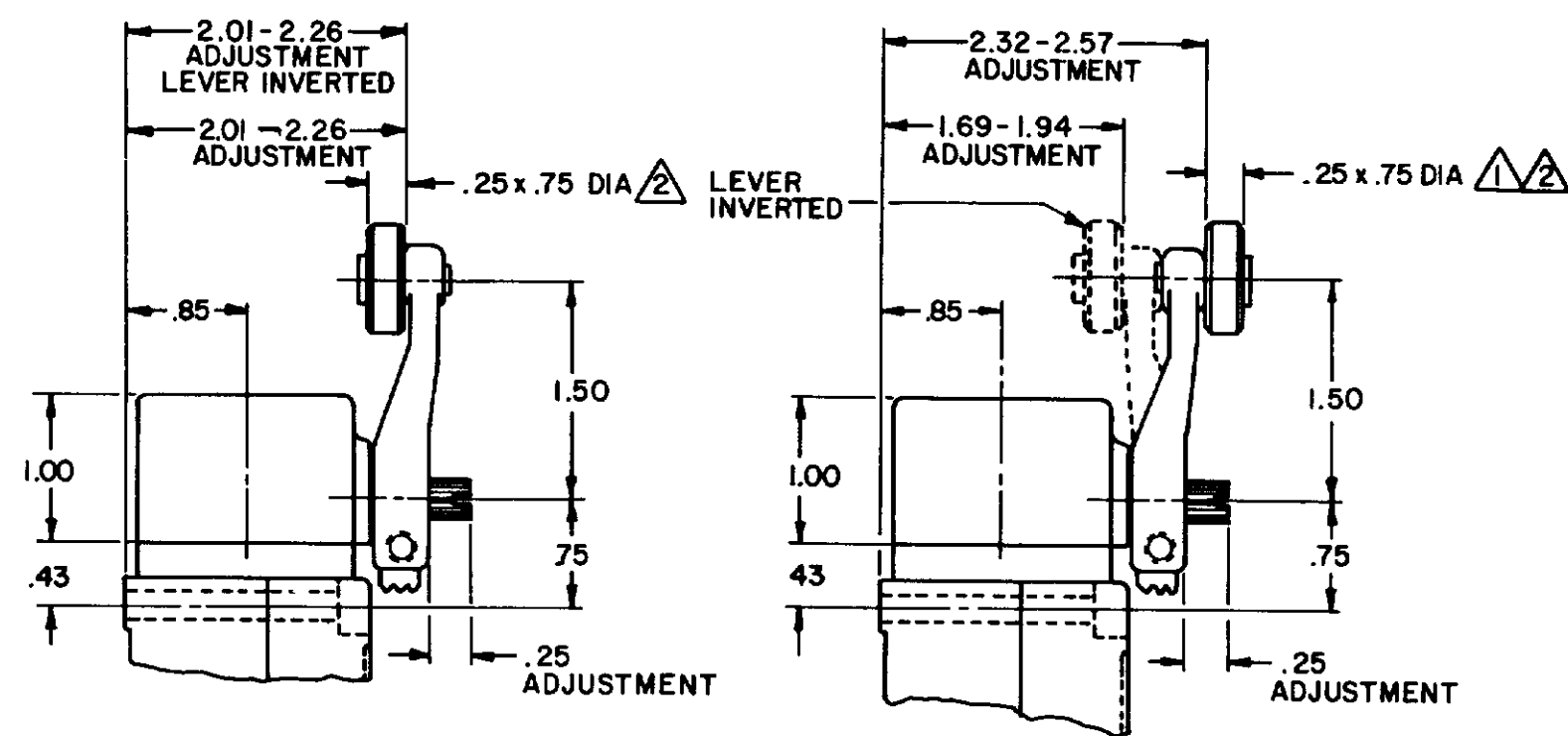
MANIFOLD MOUNT (PLUG-IN ONLY)
SINGLE POLE AND DOUBLE POLE
TYPE LSA THROUGH LSW SERIES



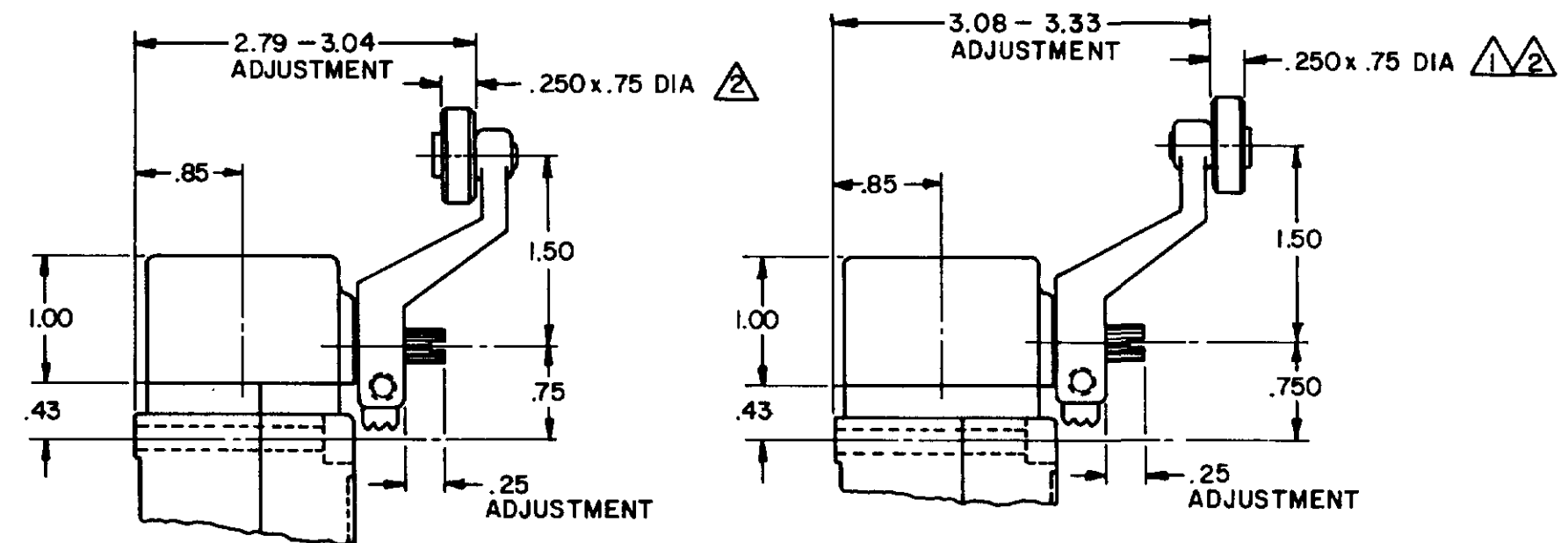
NOTE
 OPERATE AND RELEASE POINTS WILL EXCHANGE LOCATIONS IF SHAFT IS ROTATED 180°

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MICRO SWITCH a Honeywell Division FED. MFG. CODE 91929	SWITCH - ENCLOSED	CATALOG LISTING LSA-LSW SERIES
		CHART 1

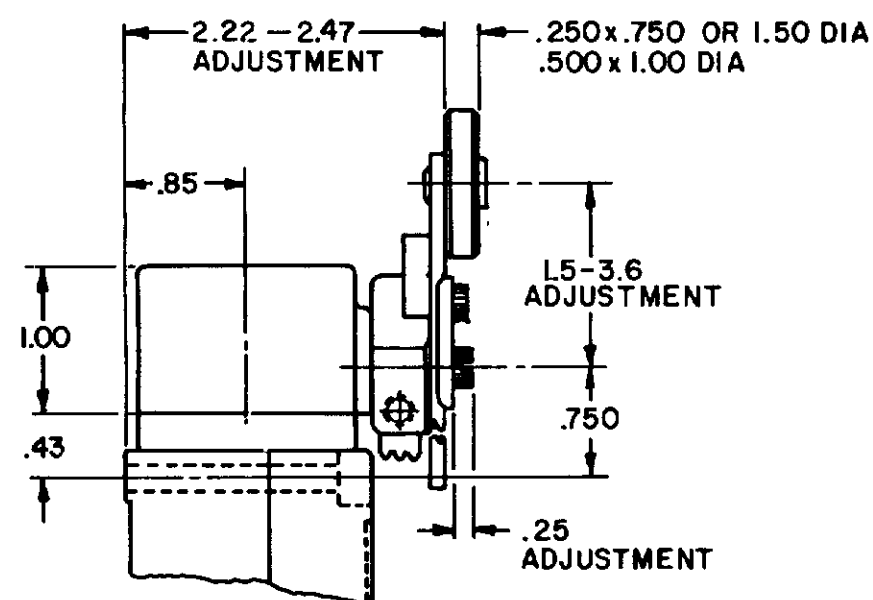
SIDE ROTARY CAM TRACKING



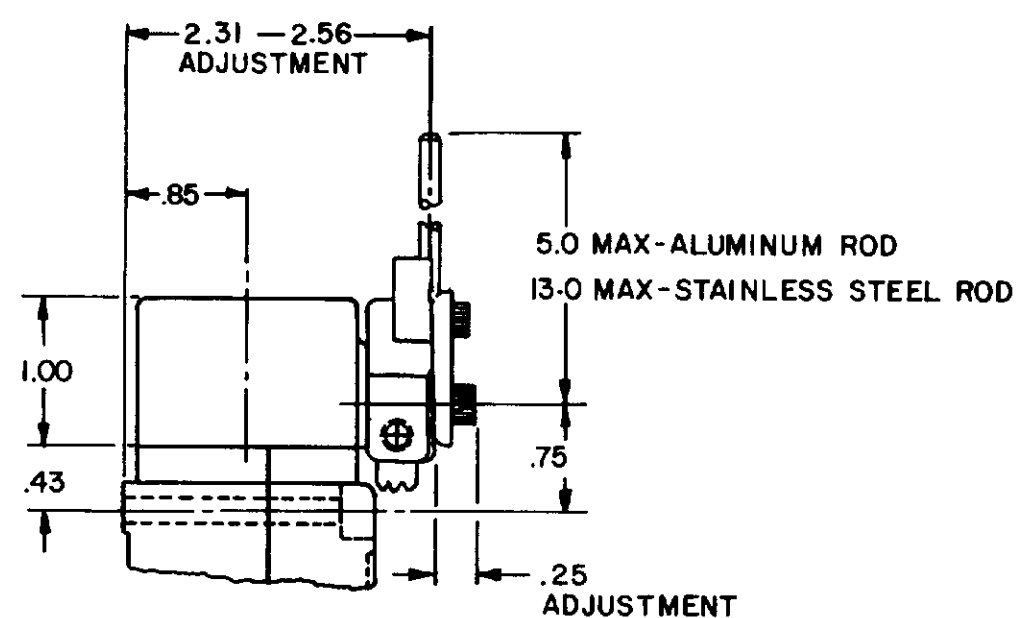
LSZ51 TYPE LEVERS



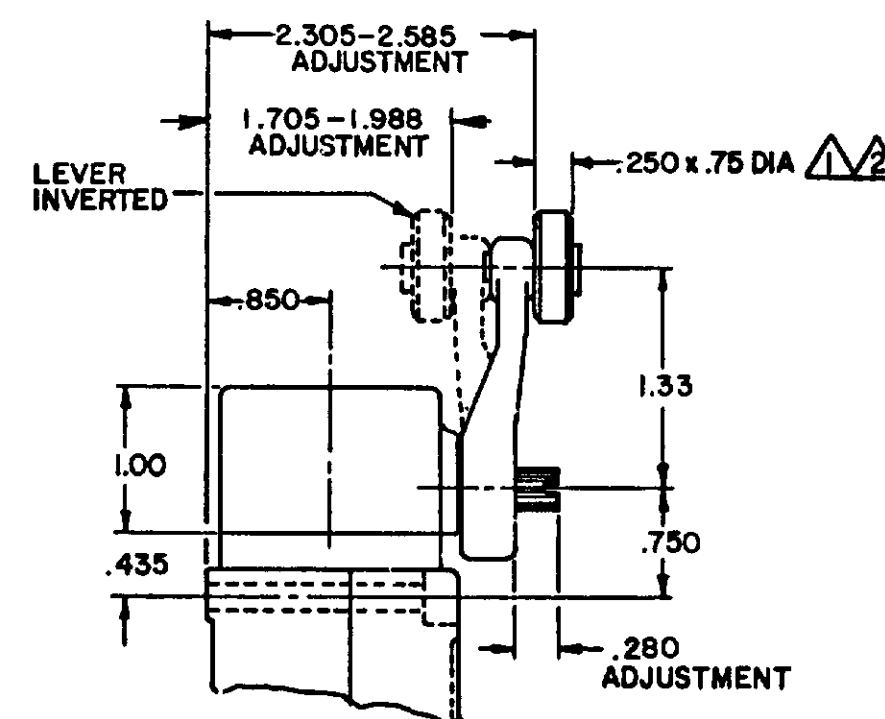
LSZ55 TYPE LEVERS



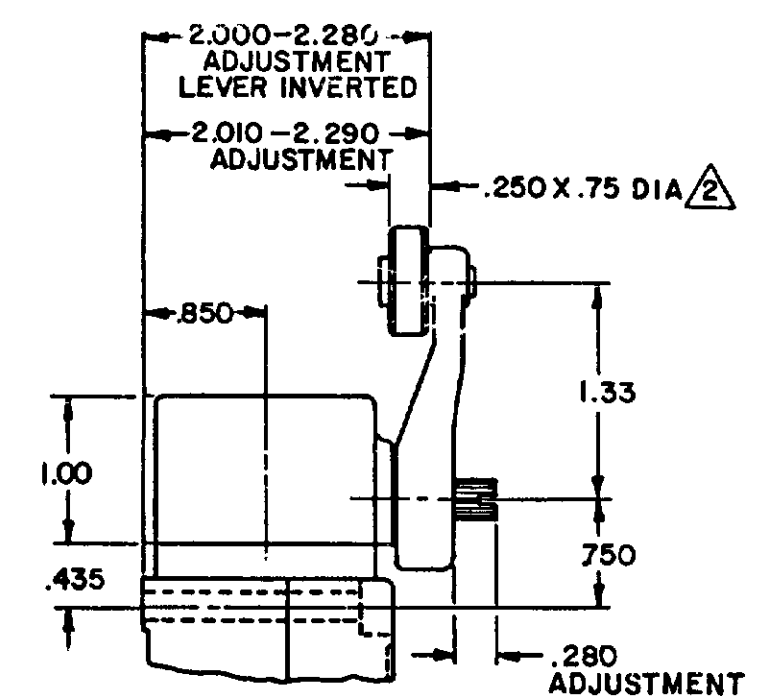
LSZ52 TYPE LEVER



LSZ54 TYPE LEVER



OPEN MOUNTED ROLLER



CLOSED MOUNTED ROLLER

LSZ59 TYPE LEVERS

NOTES

- 1 ALSO AVAILABLE IN Ø.250 X 1.500 NYLON, BUT LEVER CANNOT BE INVERTED
- 2 FOR ADDITIONAL ROLLER WIDTHS AND/OR DIAMETERS REFER TO "M" DRAWING
- 3 - FOR ADDITIONAL TYPES OF ROLLERS AND LEVERS REFER TO LSZ CHART 1 "M" DRAWING

CATALOG LISTING
LSA-LSW SERIES CHART 1
PAGE 2 OF 10
REPLACES LSA-LSW SERIES
10JUL07 RELEASE NO. CO-78498
PSR
CHECK
11AUG04
AK
11JUL94
JAF
15JUN94
MAM
DRAWN
MASTER

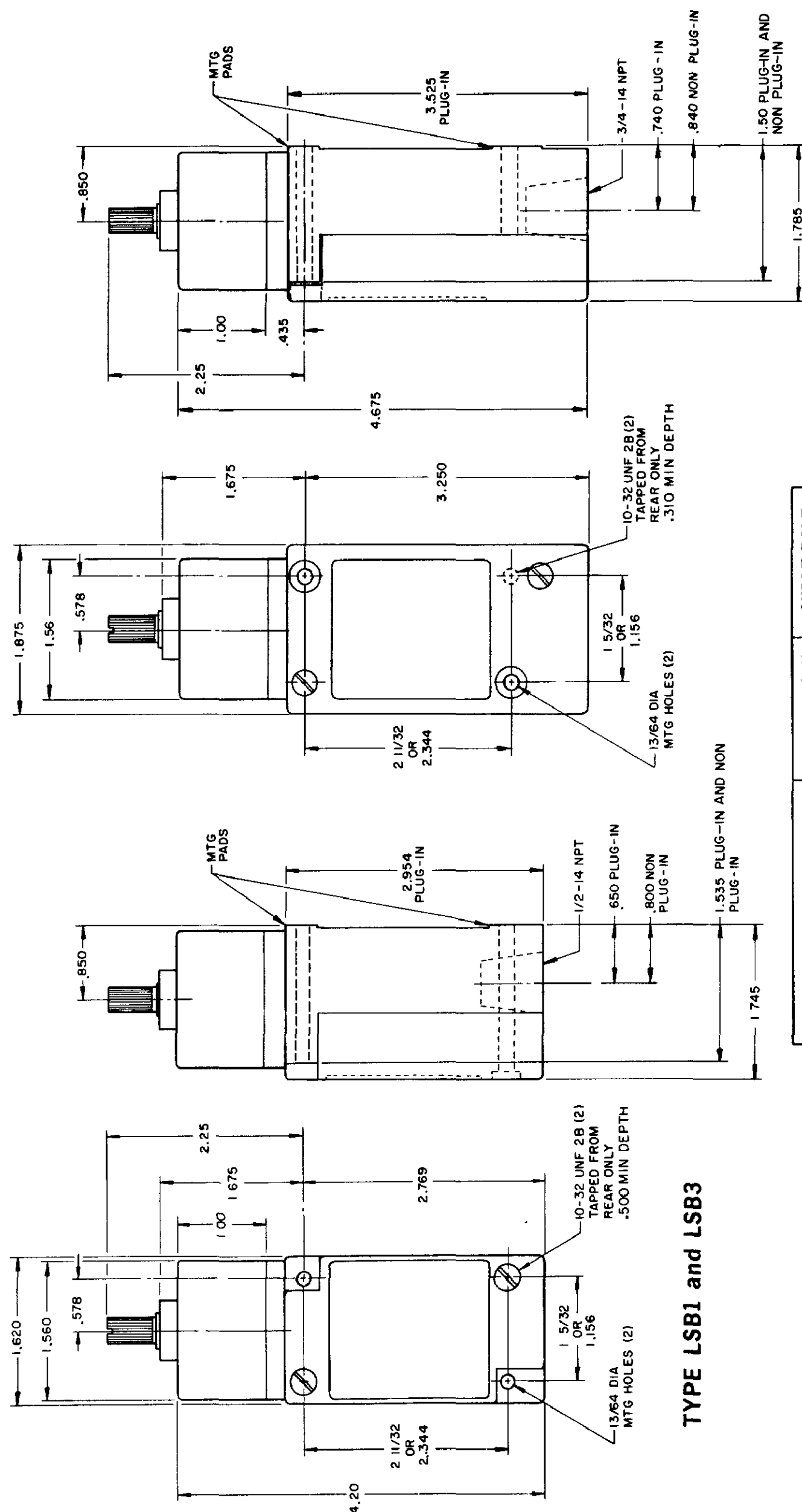
REV	DATE	BY	CHKD	DESCRIPTION
1	0031956			
2	10JUL07	BS		
3	201004	B		
4	10AUG00	C		
5	201748	C		
6	17NOV00	C		
7	202198	D		
8	20JAN01	E		
9	204871	F		
10	206581	F		
11	14OCT02	G		
12	206763	G		
13	31OCT02	H		
14	207178	H		
15	14JAN03	J		
16	207474	J		
17	18FEB03	K		
18	0006871	K		

THIRD ANGLE PROJECTION			
SCALE NONE			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(0)	±.030	
TWO PLACES	(.00)	±.015	
THREE PLACES	(.000)	±.005	
ANGLES		±	
WEIGHT			

TOP ROTARY

SINGLE POLE

DOUBLE POLE



TYPE LSB1 and LSB3

**TYPE LSB2 and LSB4
LSB6 and LSB7 have 1/2" - 14 NPT
CONDUIT HOLE**

PRETRAVEL MAX	SINGLE POLE 25°	DOUBLE POLE 25°
OVERTRAVEL MIN	110°	110°
DIFFERENTIAL TRAVEL MAX	10°	12°
OPERATING TORQUE MAX	2 5 IN. LBS	2 5 IN. LBS
TOTAL TRAVEL (REF)	135°	135°

ELECTRICAL RATINGS

10 AMP CONT.	A.C. VOLTAGE	AMPS AT 35 POWER FACTOR			
		SINGL POLE		DOUBLE POLE	
		MAKE	BREAK	MAKE	BREAK
	120	60	6	30	3
	240	30	3	15	1.5
	480	15	1.5	7.5	75
	600	12	1.2	6	6

D. C. VOLTAGE	MAKE & BREAK INDUCTIVE	RESISTIVE
120	0.25	0.80
240	0.15	0.40

ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT

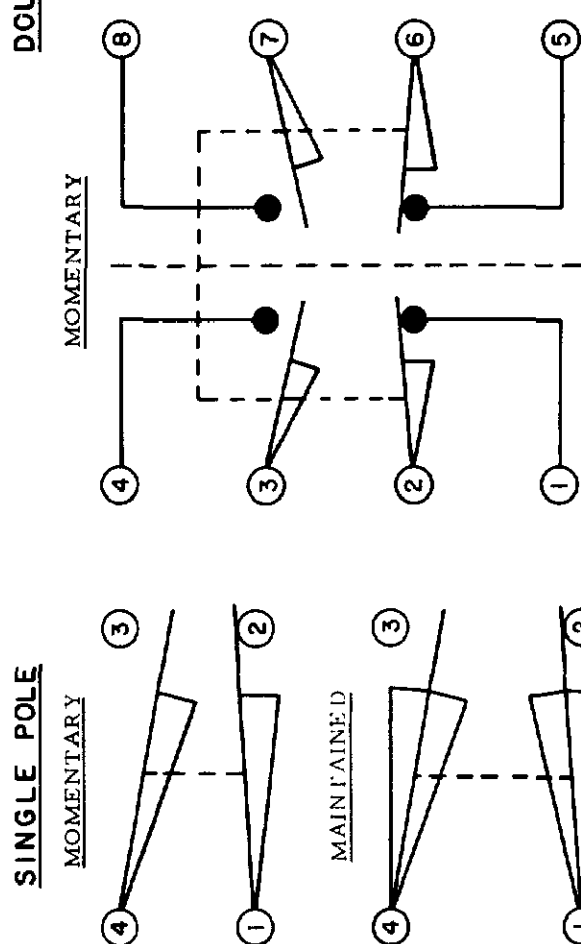
VOLTAGE	
5 AC OR DC MIN	01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

**DIRECT ACTING (ALSO RATED AT A. C. 10
AMP CONT.)**

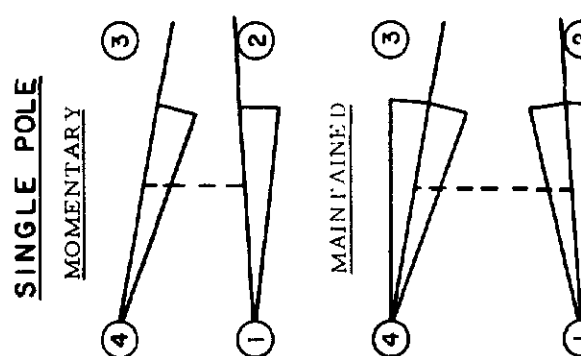
D. C. VOLTAGE	MAKE AND BREAK AMPS	
	INDUCTIVE	RESISTIVE
30	4.2	4.2
120	1.1	1.1
240	.55	.55

**WIRING BASIC SWITCH
(SAME POLARITY MUST BE OBSERVED FOR EACH POLE)**

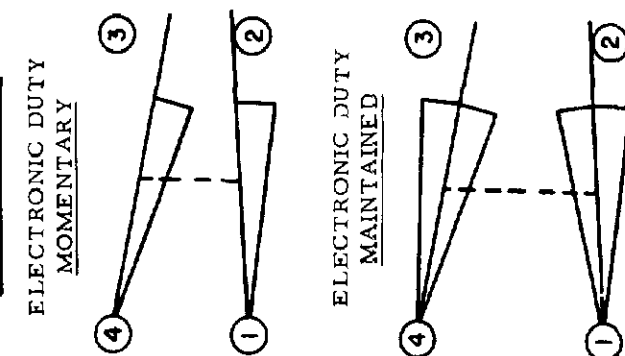
DOUBLE POLE



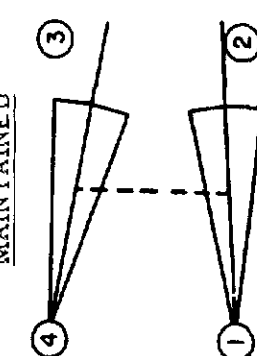
SINGLE POLE



SINGLE POLE



ELECTRONIC DUTY

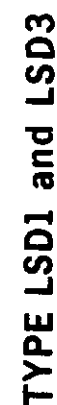


DIRECT ACTING



SINGLE POLE

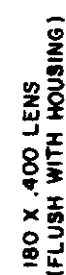
DOUBLE POLE



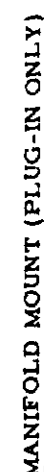
TYPE LSD2 and LSD4

***(LSD6 and LSD7**

have 1/2 - 14 NPT CONDUIT HOLE)



**TYPE LSC2
and LSC4**



SINCE BOLE AND DOUBIE BOLE

TYPE LSA THROUGH LSW SERIES

**TYPE LSV2
and LSV4**

PAGE 4 OF 10

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MICRO SWITCH
a Honeywell Division

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE NONE

DO NOT SCALE PRINT

REV	DATE	BY	CHK	APP
L	0031956			
B	10 JUL 97			
C	10 AUG 00			
D	201748			
E	17 NOV 00			
F	202198			
G	204871			
H	206581			
I	14 OCT 02			
J	206763			
K	31 OCT 02			
L	207179			
M	207474			
N	18 FEB 03			
O	0006871			
P	11 AUG 04			

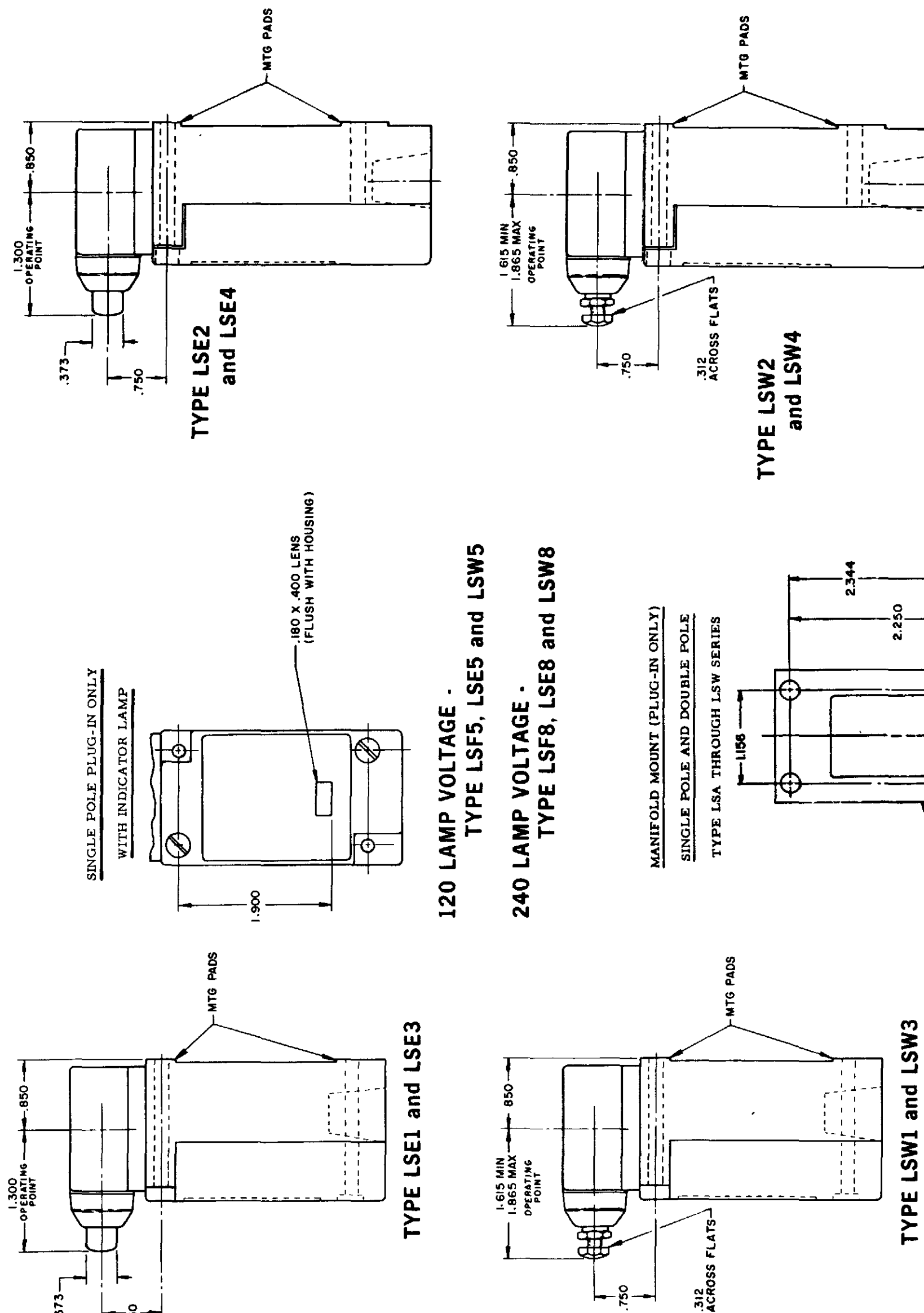
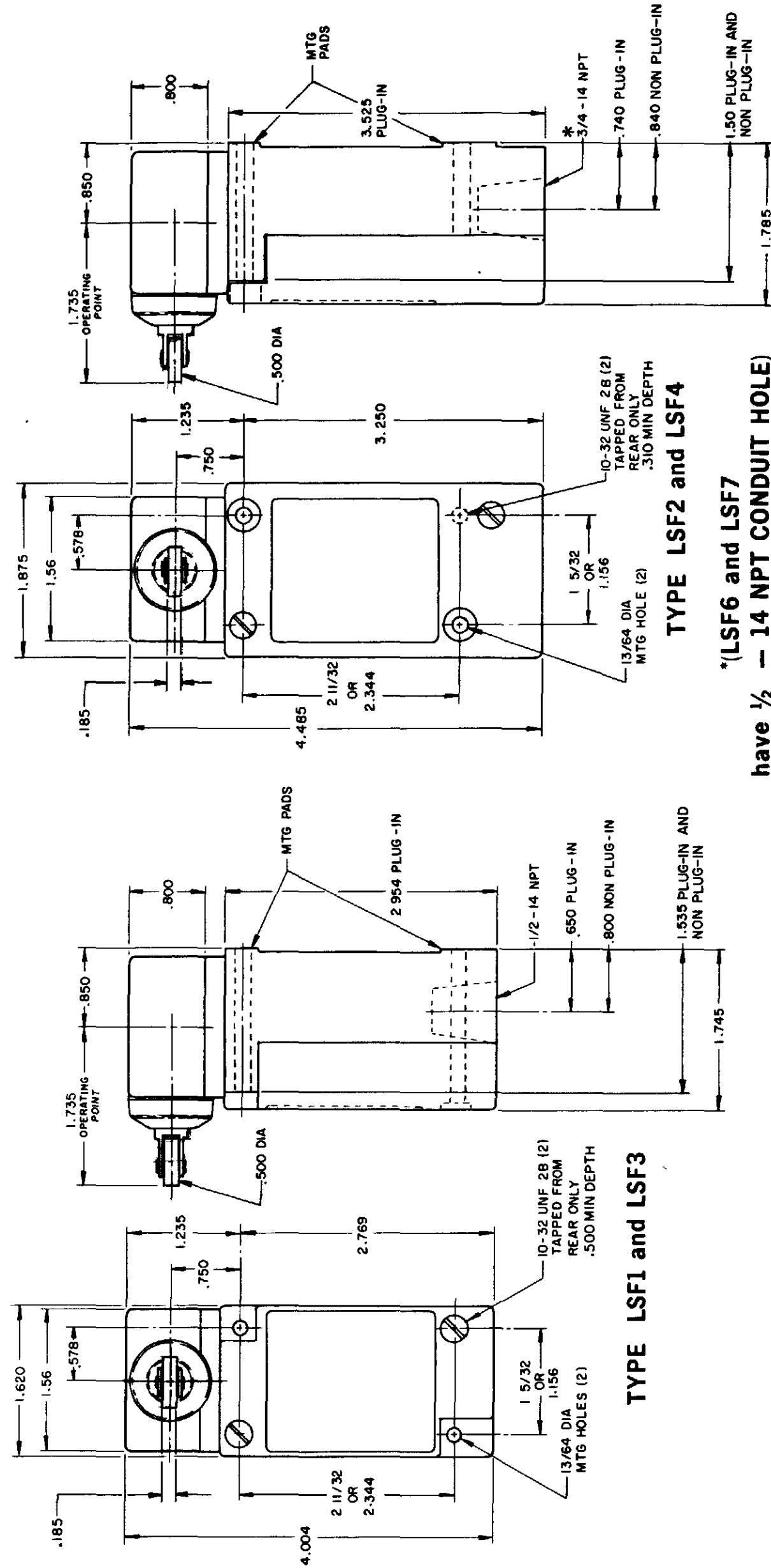
ISSUE	CATALOG LISTING	REPLACES	CO-78498	LSA-LSW SERIES
12	LSA-LSW SERIES CHART 1			
12	PAGE 5 OF 10			
PSR	10 JUL 94			
CHECK	11 AUG 04			
AK	11 JUL 94			
AF	11 JUL 94			
15 JUN 94				

RASTER
DRAWN
MAM

SIDE PLUNGER TYPE

SINGLE POLE

DOUBLE POLE



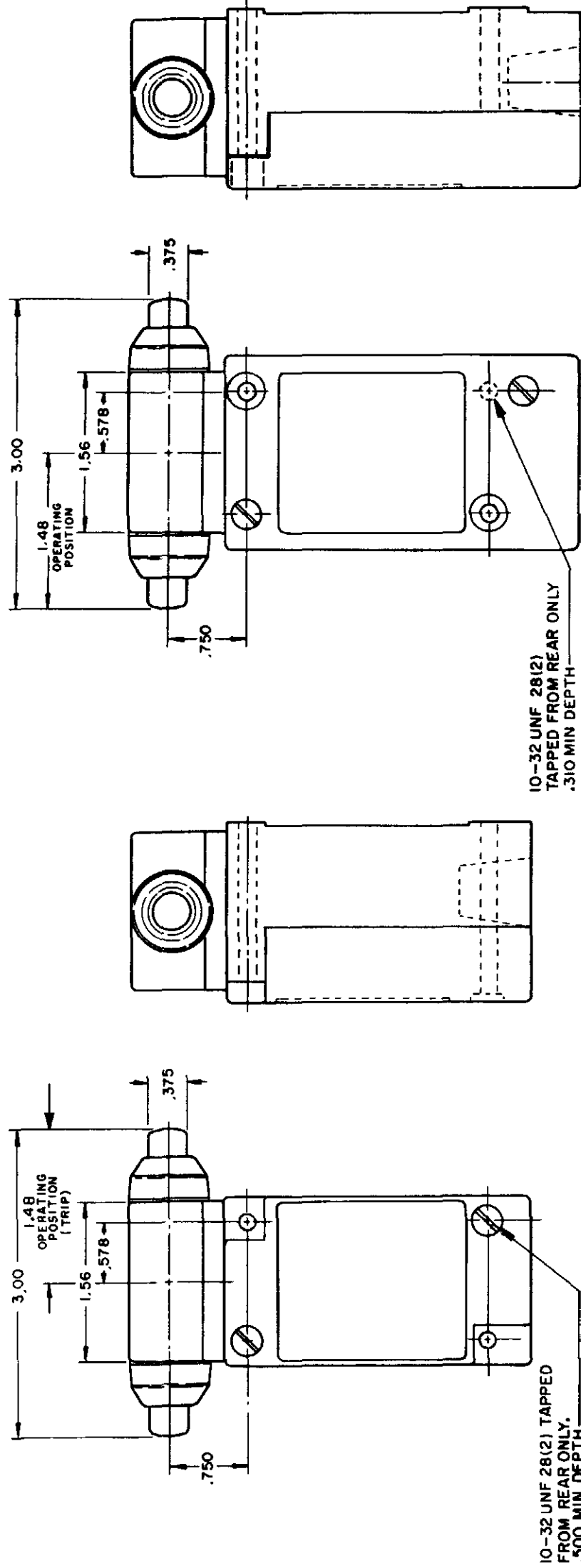
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SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

FED MFG CODE 91929



TYPE LSG1 and LSG3

TYPE LSG2 and LSG4

INITIAL POSITION —
(FREE POSITION) } PRETRAVEL
OPERATING POINT } DIFFERENTIAL TRAVEL
FULL TRAVEL — } OVERTRAVEL

TOP PLUNGER TYPES

OPERATING POINT GIVEN
IN RELATION TO TOP
MOUNTING HOLE

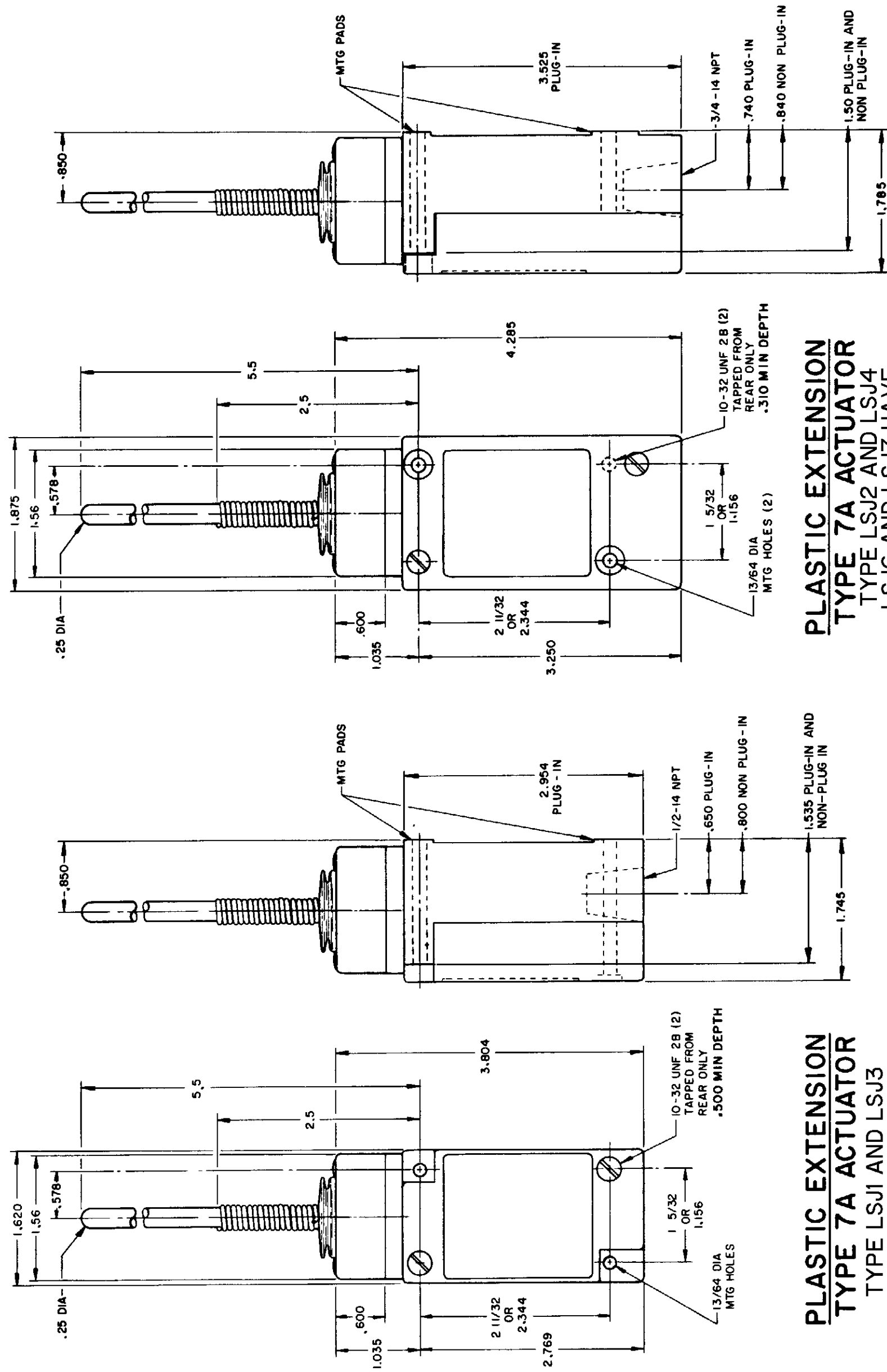
CHARACTERISTICS	LSC PLUNGER	LSD ROLLER PLUNGER	LSV ADJ PLUNGER	SEQUENCE BASIC		
				LSC	LSD	LSV
PRETRAVEL (MAX)	.070	.070	.070	1ST STEP .070		
DIFFERENTIAL TRAVEL (MAX)	SINGLE POLE DOUBLE POLE .015	SINGLE POLE DOUBLE POLE .020	SINGLE POLE DOUBLE POLE .015	2ND STEP .016 MIN ADD'L		
OVERTRAVEL (MIN)	.190	.190	.190	.015 EACH STEP		
OPERATING FORCE (MAX)	4 LBS	4 LBS	4 LBS	.170		
OPERATING POINT	1.805 ± .030	2.200 ± .040	2.085 MIN	1ST STEP		
FULL OVERTRAVEL FORCE (MAX)	7 LBS	7 LBS	7 LBS	1.815±.030 2.210±.040 2.095 MIN / 2.345 MAX		

SIDE PLUNGER TYPES

OPERATING POINT GIVEN IN
RELATION TO CENTER OF HEAD

CHARACTERISTICS	LSE PLUNGER	LSF ROLLER PLUNGER	LSW ADJ PLUNGER	SEQUENCE BASIC		
				LSE	LSF	LSW
PRETRAVEL (MAX)	.100	.100	.170	1ST STEP .100		
DIFFERENTIAL TRAVEL (MAX)	.045	.045	.090	2ND STEP .020 MIN ADD'L		
OVERTRAVEL (MIN)	.190	.190	.080	.025 EACH STEP		
OPERATING FORCE (MAX)	6 LBS	6 LBS	10 LBS	.170		
OPERATING POINT	1.300 ± .030	1.735 ± .040	ADJUSTABLE FROM 1.615 MIN 1.865 MAX	1ST STEP		
FULL OVERTRAVEL FORCE (MAX)	6 LBS	6 LBS	10 LBS	1.310±.030 1.745±.040 1.625 MIN / 1.875 MAX		

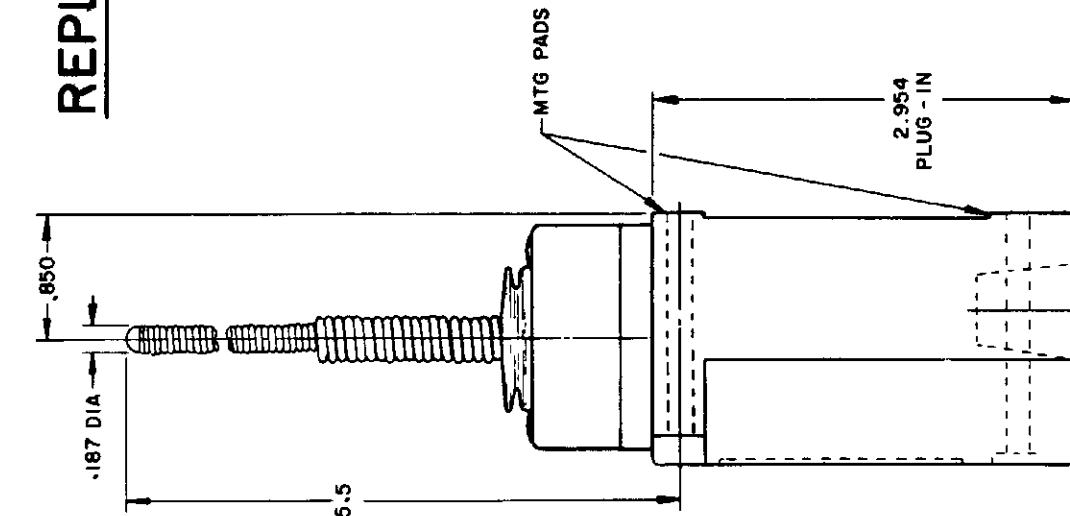
WOBBLE STICK
SINGLE POLE
DOUBLE POLE



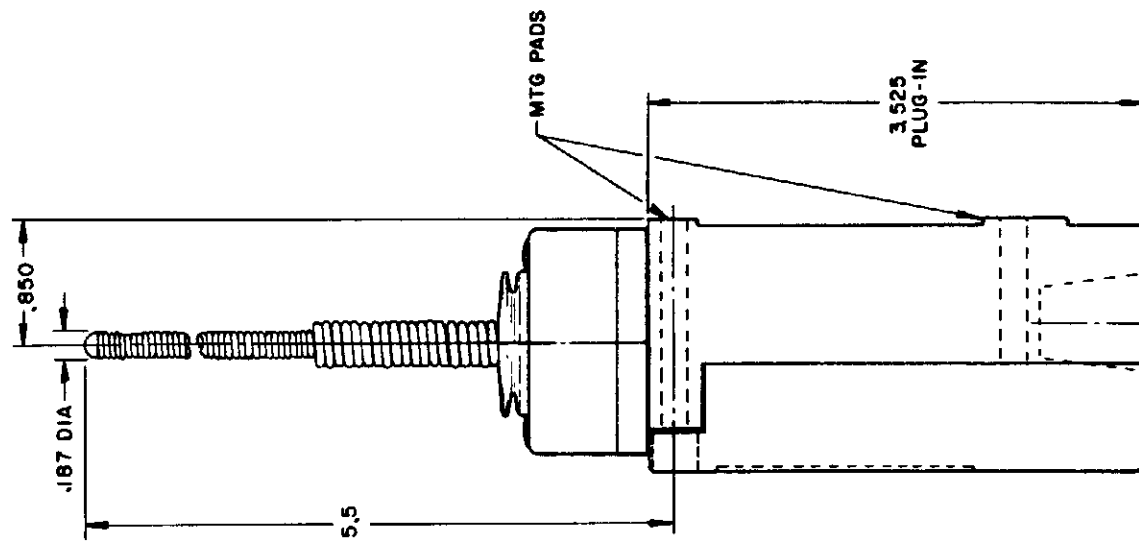
PLASTIC EXTENSION
TYPE 7A ACTUATOR
TYPE LSJ1 AND LSJ3

PLASTIC EXTENSION
TYPE 7A ACTUATOR
TYPE LSJ2 AND LSJ4
LSJ6 AND LSJ7 HAVE
1/2 - 14 NPT CONDUIT HOLE

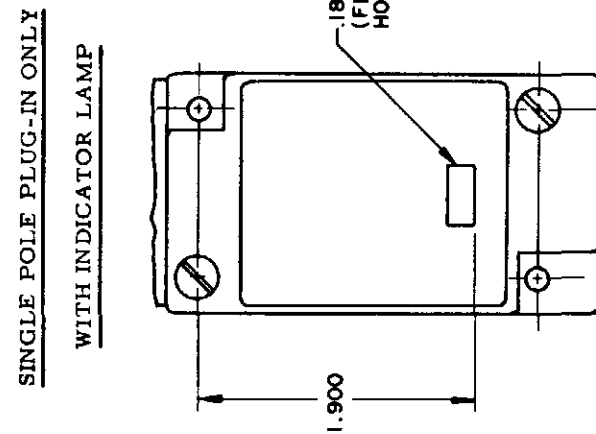
REPLACEMENT ACTUATOR
LSZ-4009



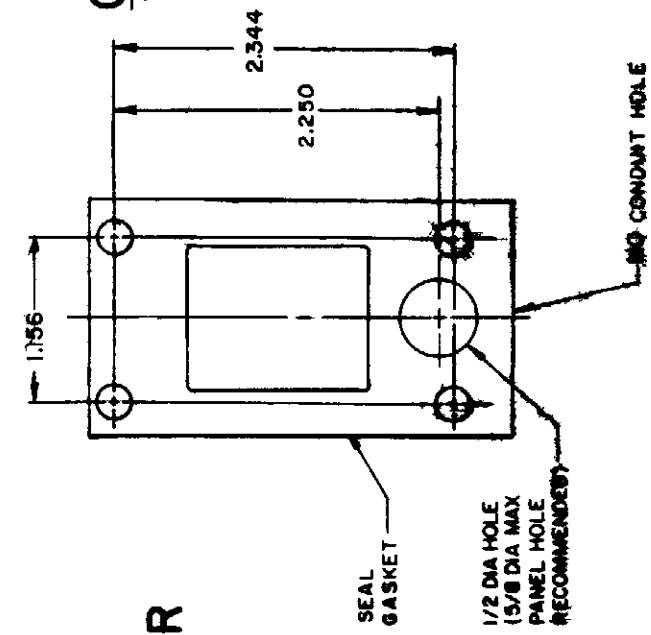
CABLE EXTENSION
TYPE 7N ACTUATOR



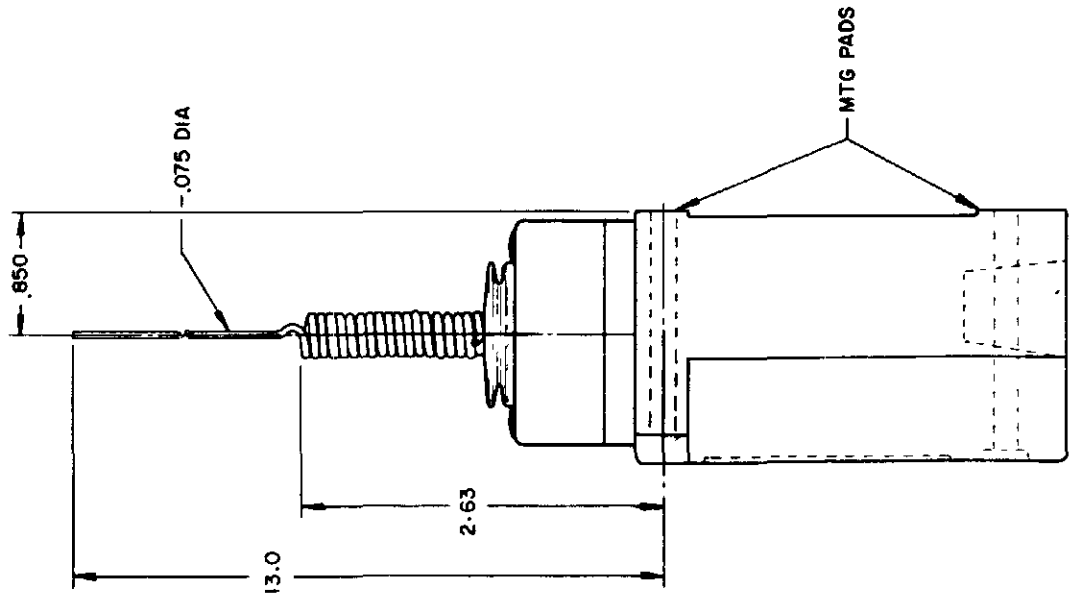
CABLE EXTENSION
TYPE 7 N ACTUATOR



120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8
24 LED VOLTAGE TYPE LSJ9



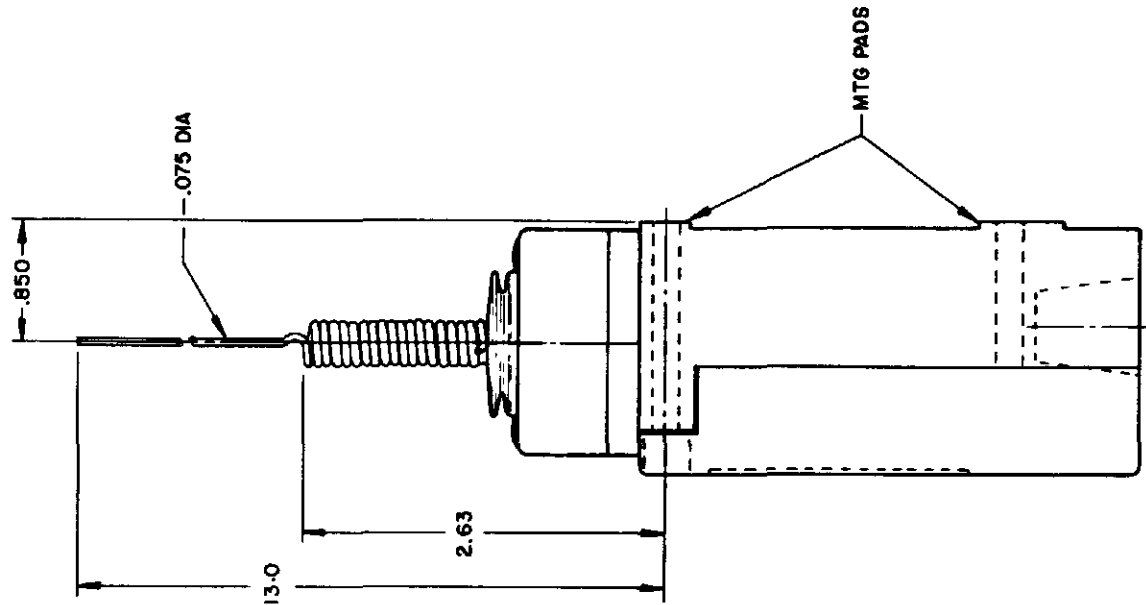
REPLACEMENT ACTUATOR
LSZ-40II



WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ1 and LSJ3

REPLACEMENT ACTUATOR - LSZ 4010

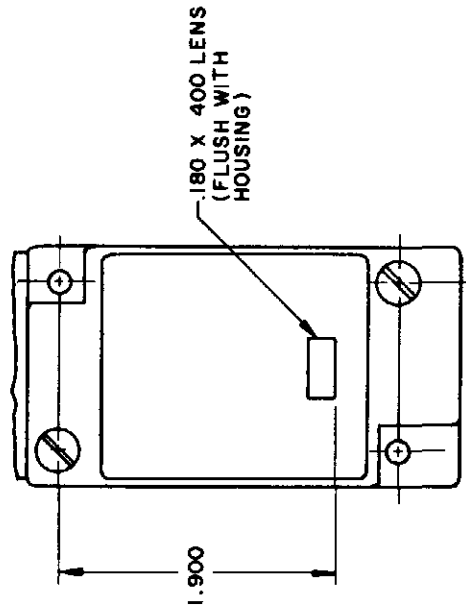


WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ2 and LSJ4

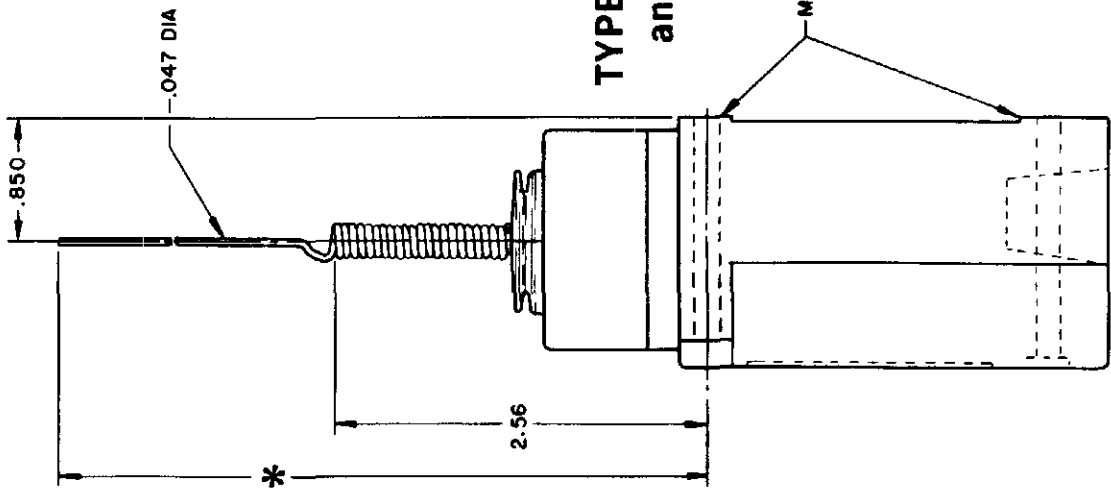
LSJ6 and LSJ7 have 1/2 - 14 NPT CONDUIT HOLE

SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8

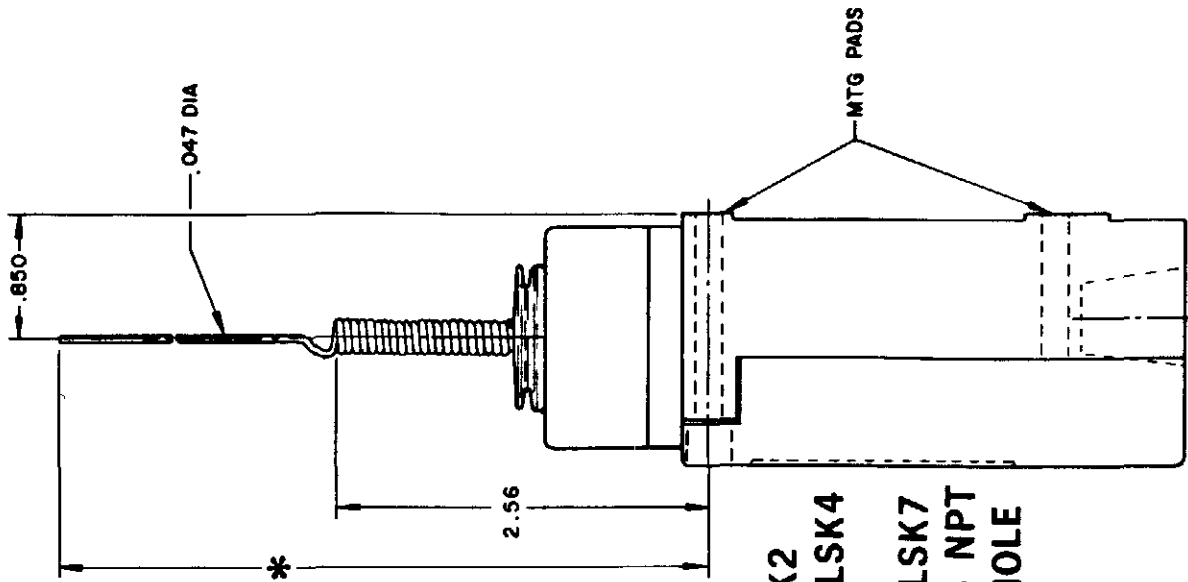
SINGLE POLE



TYPE LSK1
and LSK3

*WIRE EXTENSION REPLACEMENT ACTUATOR
TYPE 8A ACTUATOR 5.5 IN.-LSZ 4012
TYPE 8B ACTUATOR 7.5 IN.-LSZ 4013
TYPE 8C COIL ACTUATOR 5.5 IN.-LSZ 4014
ACTUATOR 9.5 IN. - LSZ4036

DOUBLE POLE



TYPE LSK2
and LSK4

LSK6 and LSK7
have 1/2 - 14 NPT
CONDUIT HOLE

WIRE EXTENSION

*TYPE 8A ACTUATOR 5.5 IN.
TYPE 8B ACTUATOR 7.5 IN.
TYPE 8C ACTUATOR 5.5 IN.
TYPE 8D ROD ACTUATOR 5.5 IN.

120 LAMP VOLTAGE
TYPE LSK5 - CAT WHISKER TYPE LSB5 - TOP ROTARY
240 LAMP VOLTAGE
TYPE LSK8 - CAT WHISKER TYPE LSB8 - TOP ROTARY

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MICRO SWITCH
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FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

SCALE NONE
DO NOT SCALE PRINT

PRETRAVEL (APPROX) IN. RADIUS	CAT. WHISKER		WOBBLE STICK	
	5/16" COIL	5/16" WIRE	7/16" WIRE	7/16" WIRE
	2	2	4.5	4.0
OPERATING FORCE-OZ (MAX)	7.0		10.0	5.0
	5.0	3.0	7.0	5.0

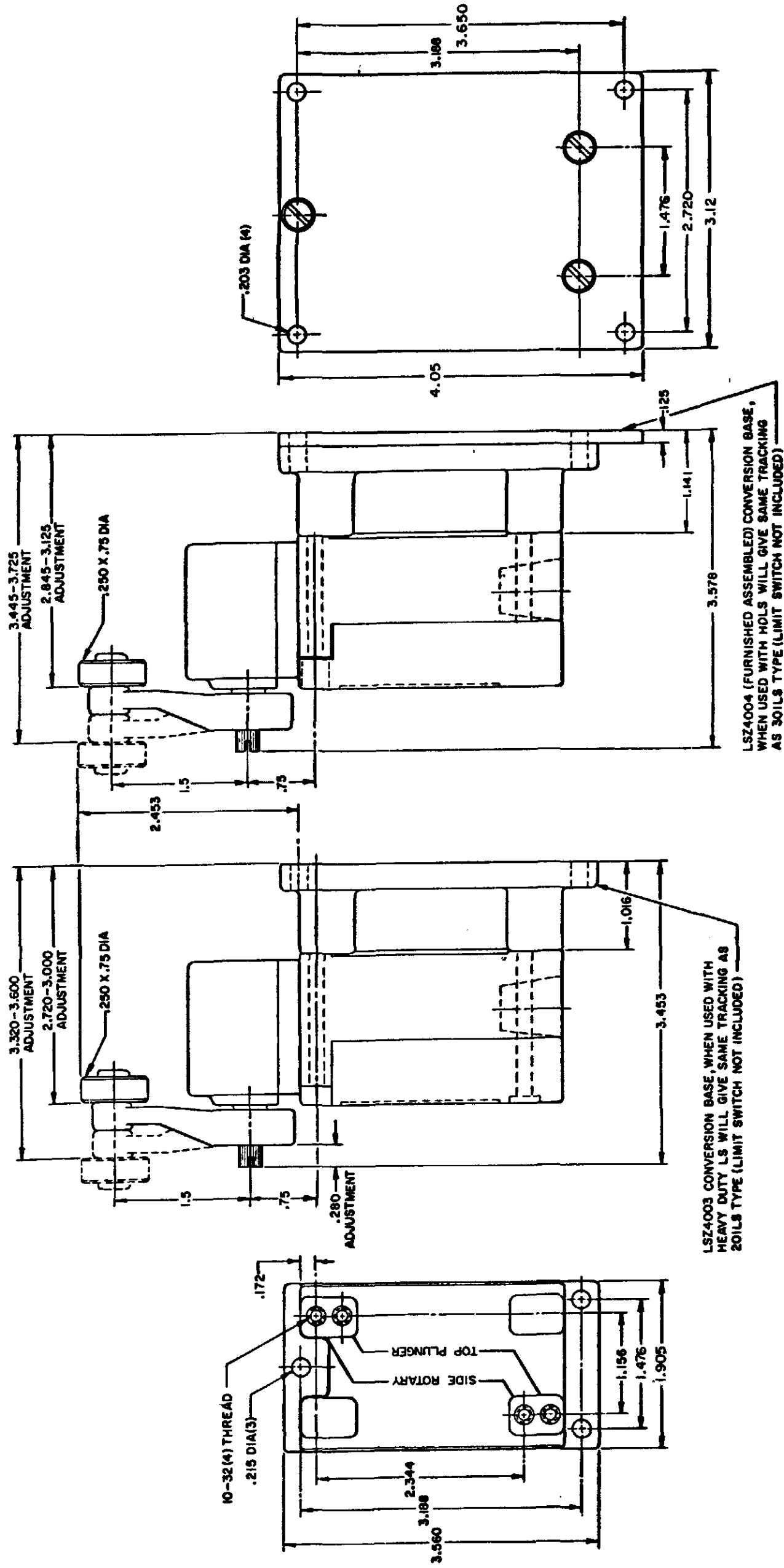
REV	DATE	BY	CHKD	DESCRIPTION
L	0031956			BS
B	10JUL07			201004
C	201748			201748
D	202198			202198
E	204871			204871
F	206581			206581
G	206763			206763
H	207179			207179
J	207474			207474
K	0006871			0006871

ISSUE	12	PSR	10JUL07	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
CATALOG LISTING	LSA-LSW SERIES CHART 1	PAGE 9 OF 10					
REVISIONS	11AUG04	AK	11JUL94	CHKD			
15 JUN 94	JAF	CHKD					
MAM							

CONVERSION BASES

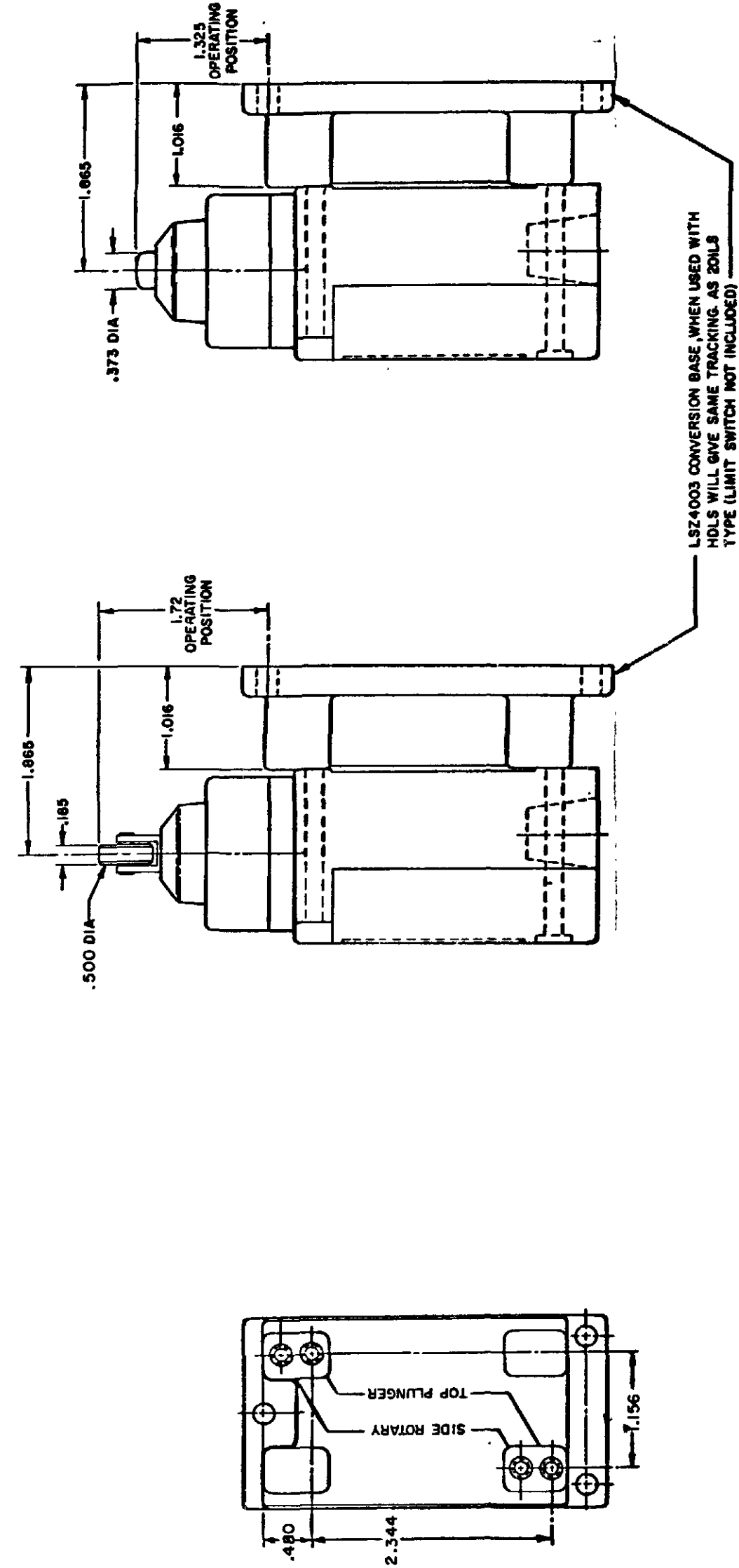
**SINGLE POLE
(SIDE ROTARY)
LSZ 4003**

**DOUBLE POLE
(SIDE ROTARY)
LSZ 4004**



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF LIMITS

**SINGLE POLE
TOP PLUNGER
LSZ 4003**



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF LIMIT SWITCH

10
SERIES CHART 1

CO-78498 REPLACES LSA-LSW SERIES

HEAD TYPE	CELLULOSE	DETERGENT	5 STAR	ASTM #1	ASTM #2	ASTM #3	ASTM #4	HOUGHTON SAFE 271	HOUGHTON SAFE 620	HOUGHTON SAFE 1010	MINERAL OIL	PETROL OIL	SILICON CR & OIL	SUNSAFE	BEER	STODDARD SOLV.	CHLORINATED SOLVENTS	CITRIC ACID	DI-ESTER SYN. LUBRICANTS	OZONE	HYDRAUL	PROGUARD	PETROL BASE HYDRAULIC OIL	LARD OIL	SILICATE ESTERS
LSA	4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSB	4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSC	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2	
LSD	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2	
LSE	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2	
LSF	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	2	4	4	2	2	2	
LSG	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2	
LSH	4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSJ	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2	
LSK	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2	
LSL	4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSM	4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSN	4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSP	4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSR	4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
LSV	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2	
LSW	4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	2	4	4	2	2	2	
LST	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																								
LSS	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																								

CODE: 1 SATISFACTORY 2 FAIR 3 DOUBTFUL 4 UNSATISFACTORY

TEMPERATURE LIMITATIONS FOR STANDARD DEVICES		
TYPES	LOW LIMIT	HIGH LIMIT
LSA	+10°F	+250°F
LSB	+30°F	+250°F
LSC	+10°F	+200°F
LSD	+10°F	+200°F
LSE	+10°F	+200°F
LSF	+10°F	+200°F
LSG	+30°F	+200°F
LSH	+30°F	+250°F
LSJ	+10°F	+200°F
LSK	+10°F	+200°F
LSL	+10°F	+250°F
LSM	+30°F	+250°F
LSN	+30°F	+250°F
LSP	+10°F	+250°F
LSR	+30°F	+250°F
LSV	+10°F	+200°F
LSW	+10°F	+200°F
LST	+30 F	+170°F
LSS	+30°F	+170°F

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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