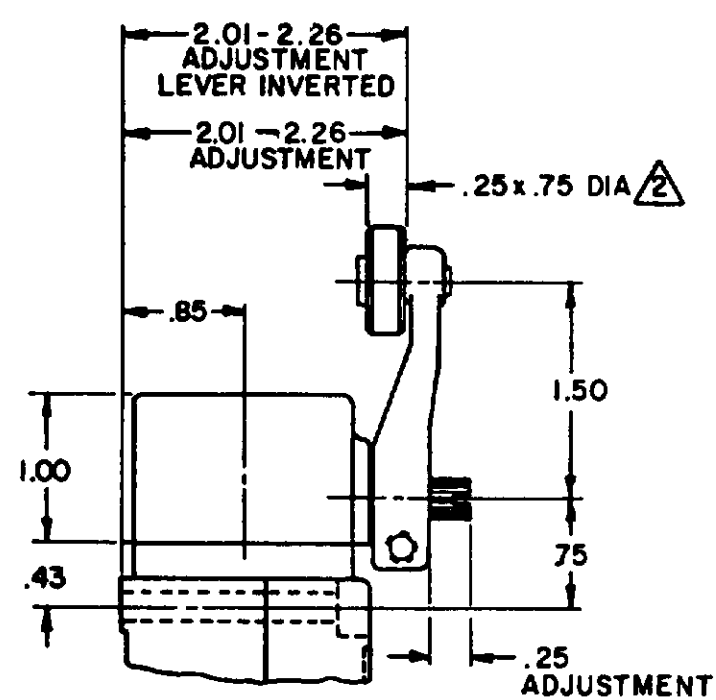
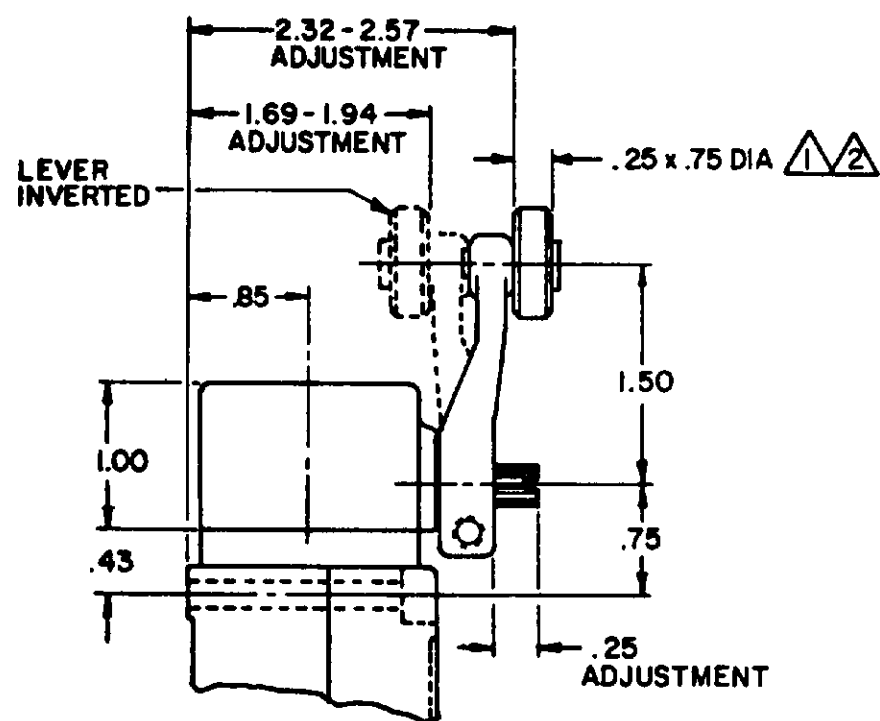
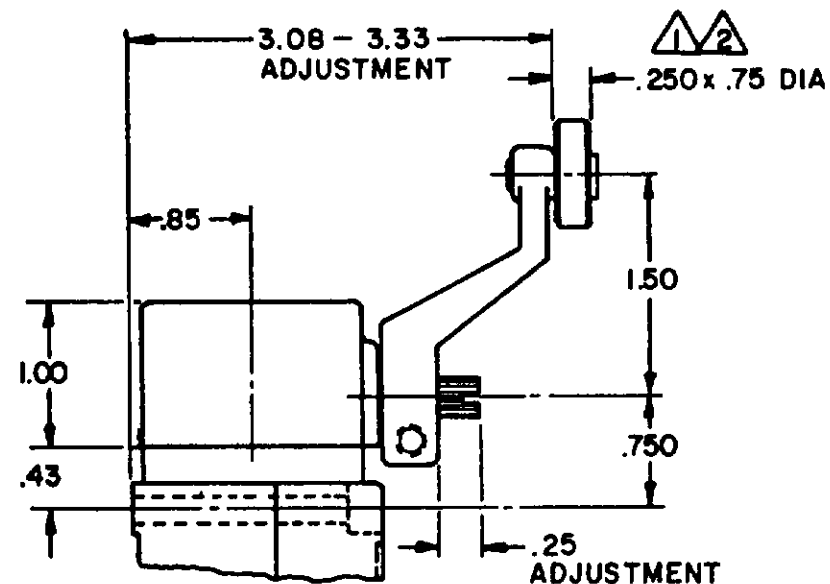
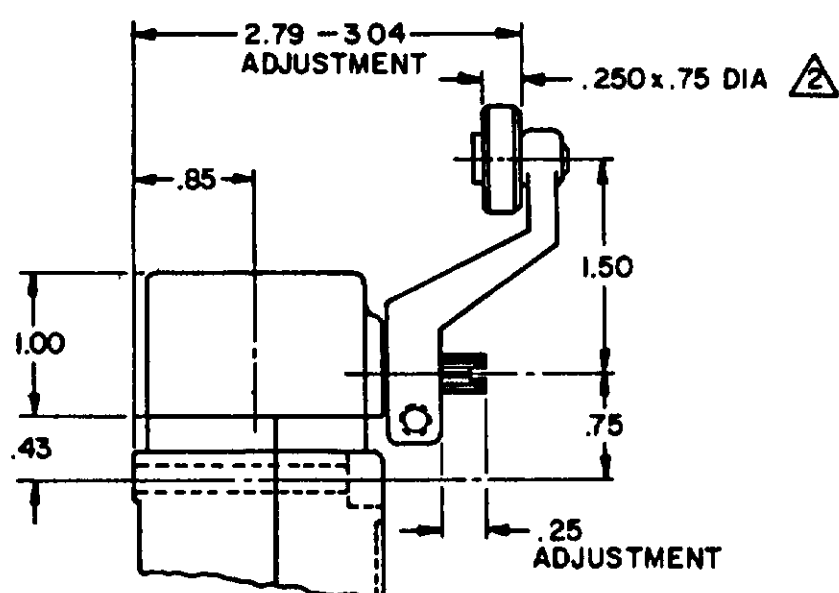


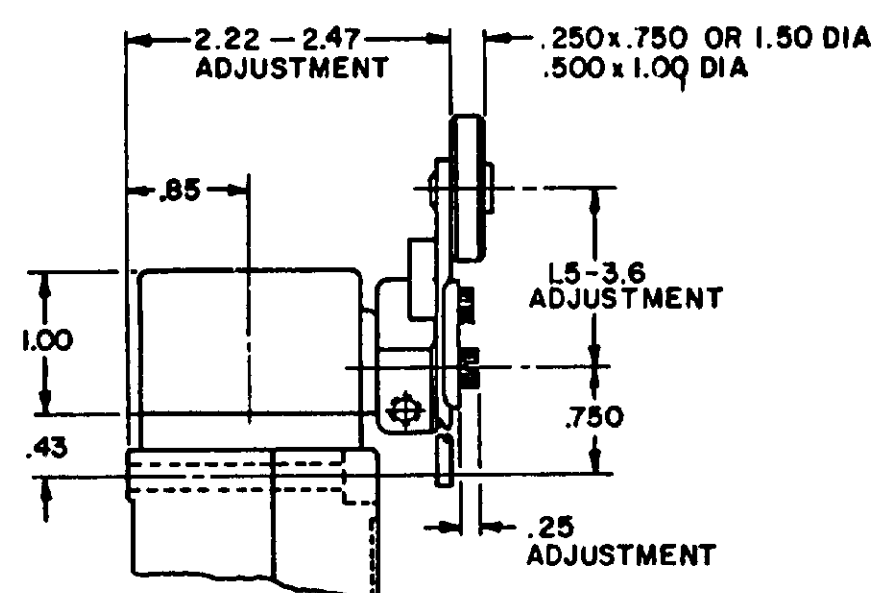
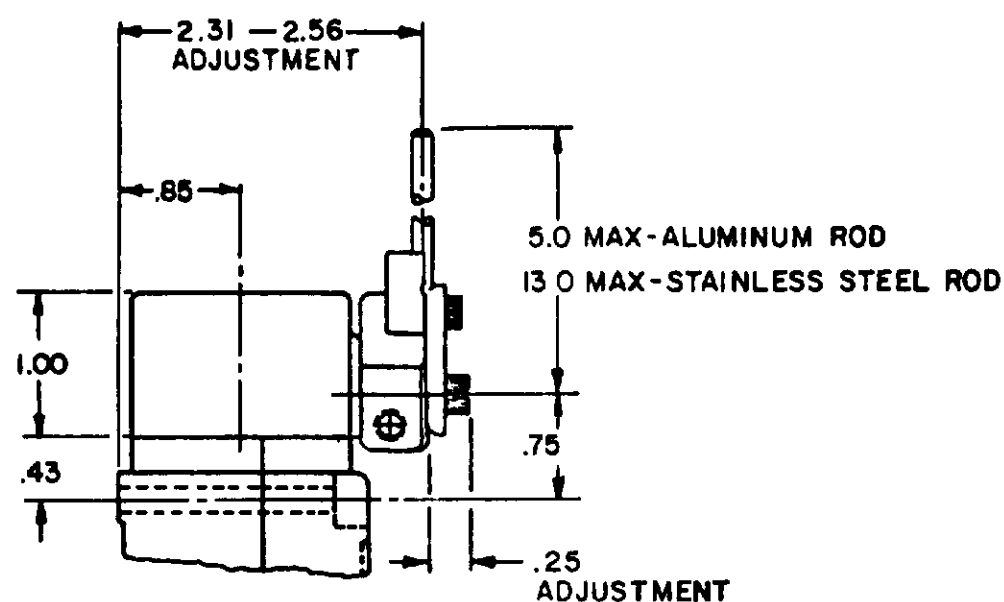
SIDE ROTARY CAM TRACKING



LSZ51 TYPE LEVERS

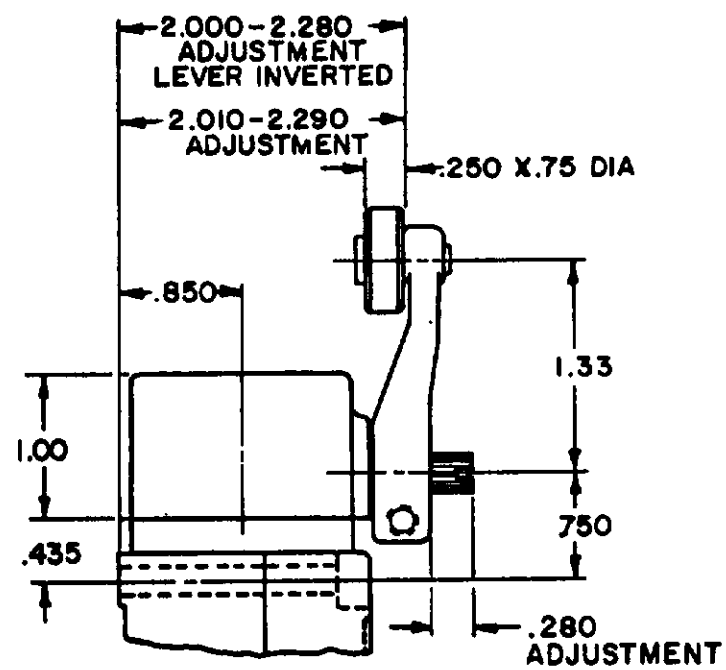
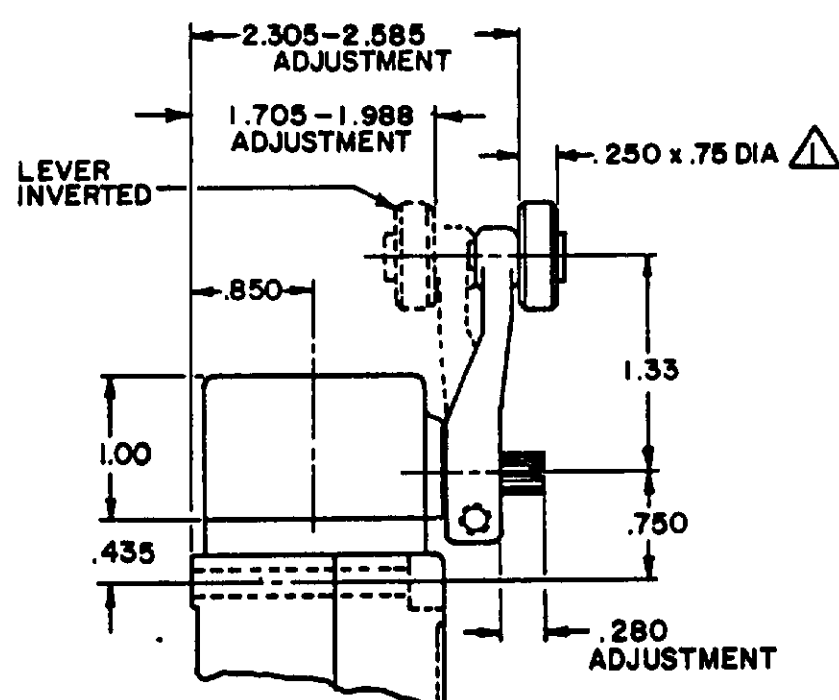


LSZ55 TYPE LEVERS



LSZ54 TYPE LEVER

LSZ52 TYPE LEVER



LSZ59 TYPE LEVERS

NOTES

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

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MICRO SWITCH
a Honeywell Division

FEEDING CODE 31829

CHART 1

LSY SERIES

THIRD ANGLE PROJECTION

SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE (.0) ± .030

TWO PLACE (.00) ± .015

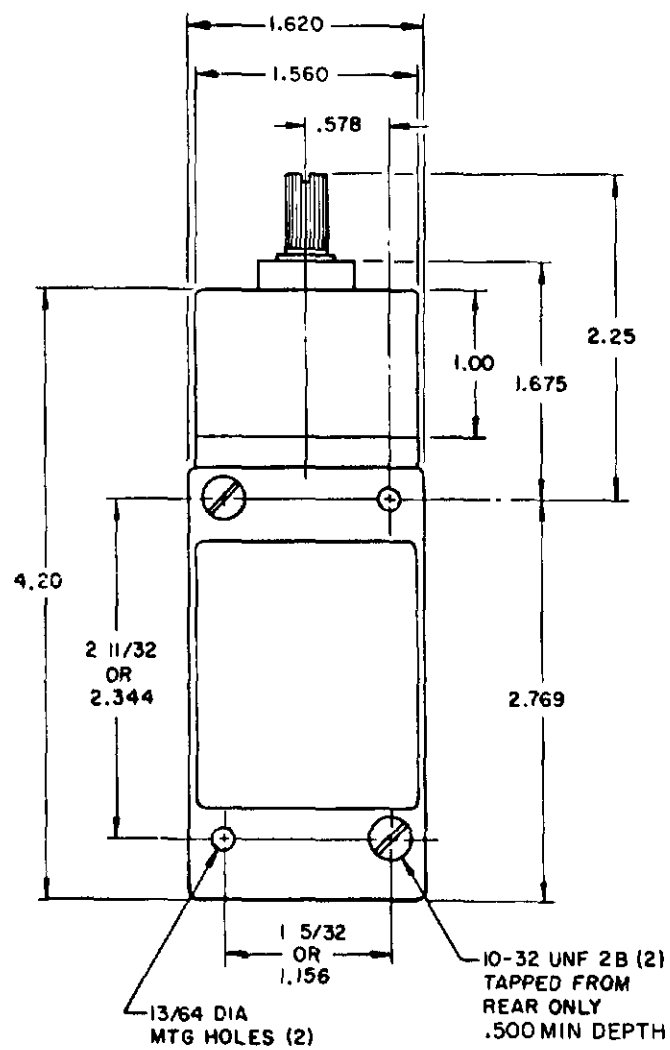
THREE PLACE (.000) ± .005

ANGLES ±

WEIGHT

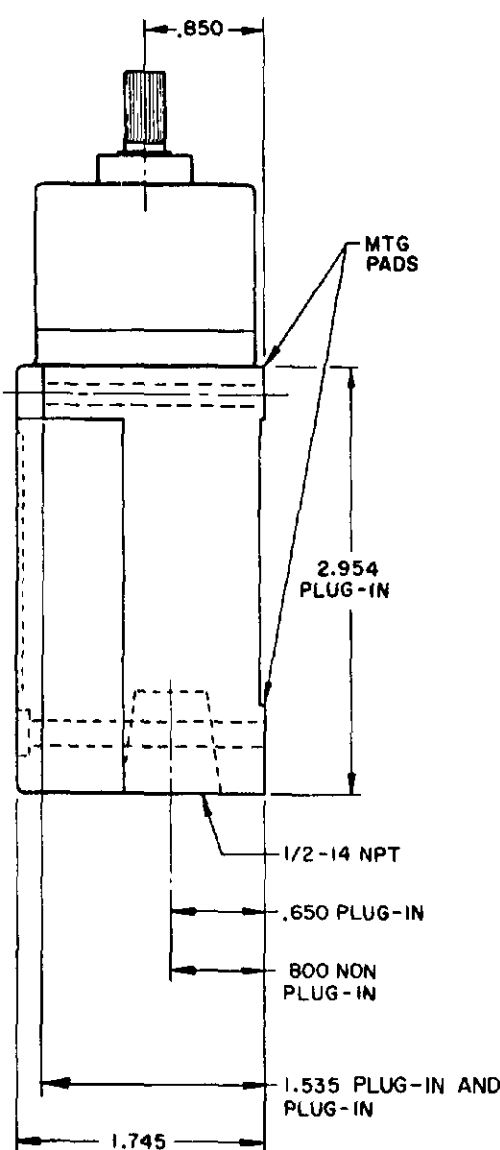
TOP ROTARY

SINGLE POLE



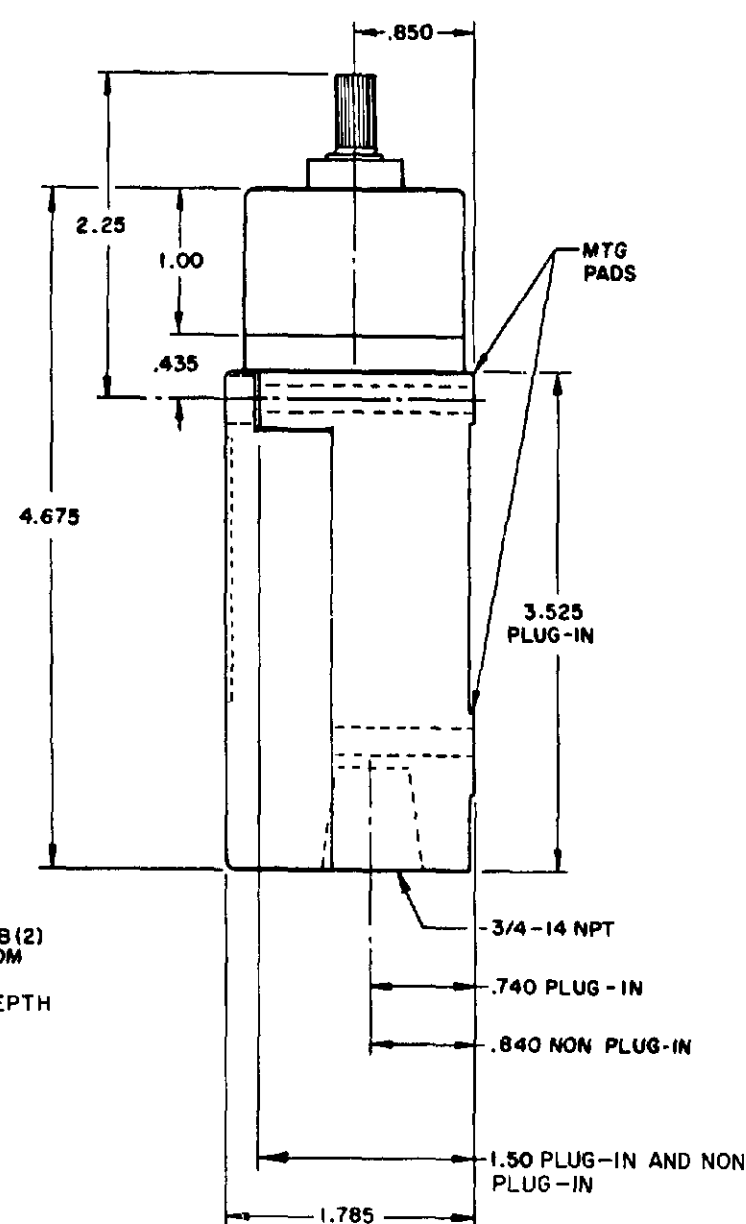
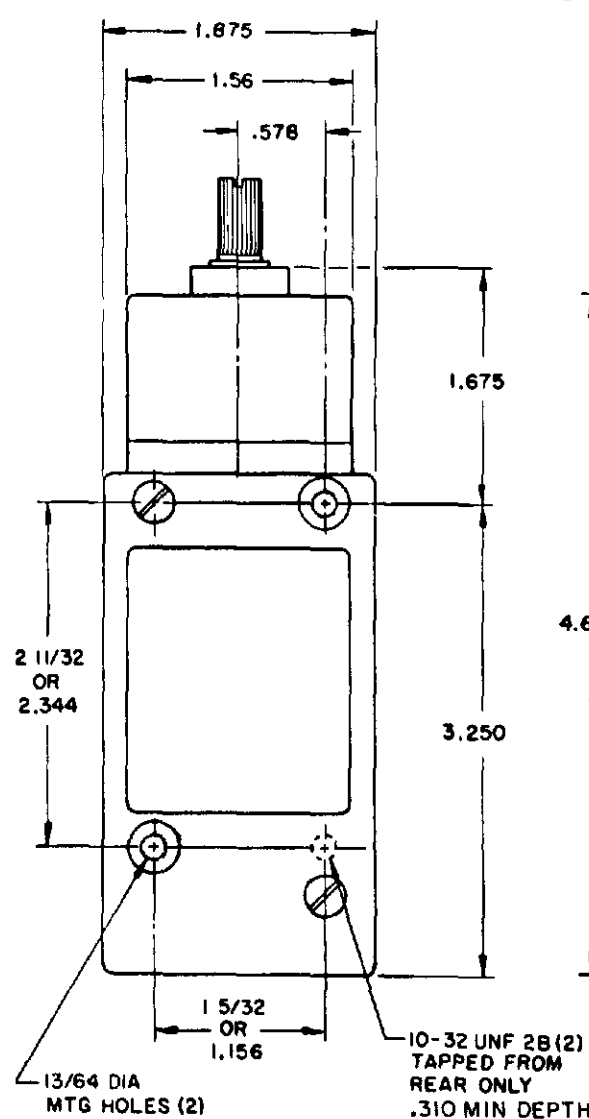
FLOUROSILICONE SEALS
LSYBB1 & LSYBB3

VITON SEALS
LSYBC1 & LSYBC3



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°

DOUBLE POLE



FLOUROSILICONE SEALS
LSYBB2 & LSYBB4
LSYBB6 & LSYBB7 HAVE 1/2-14NPT
CONDUIT HOLE

VITON SEALS
LSYBC2 & LSYBC4, LSYBC6 & LSYBC7
HAVE 1/2-14NPT CONDUIT HOLE

ELECTRICAL RATINGS

10 AMP CONT.

A.C. VOLTAGE	AMPS AT .35 POWER FACTOR			
	SINGL. POL.		DOUBLE POL.	
	MAKE	BREAK	MAKE	BREAK
120	60	6	10	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

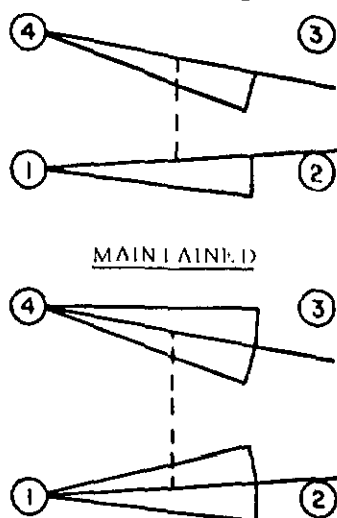
ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT.

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

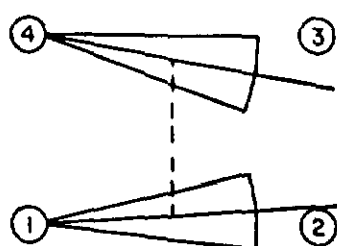
WIRING BASIC SWITCH (SAME POLARITY MUST BE OBSERVED FOR EACH POLE)

SINGLE POLE

MOMENTARY



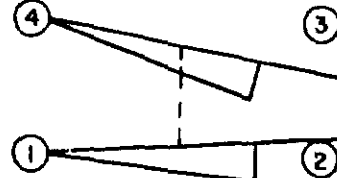
MAINTAINED



SINGLE POLE

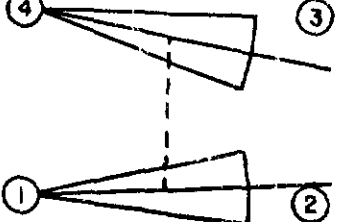
ELECTRONIC DUTY

MOMENTARY



ELECTRONIC DUTY

MAINTAINED

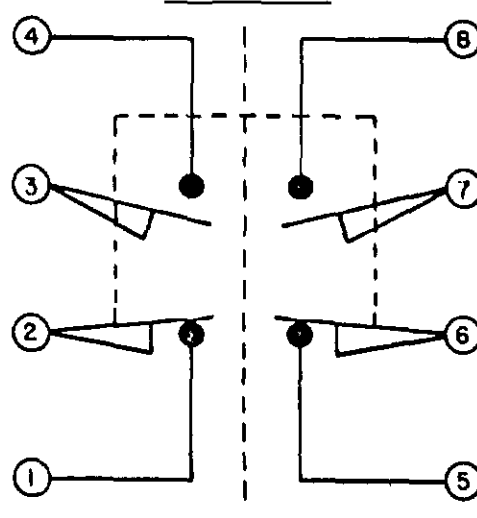


DIRECT ACTING

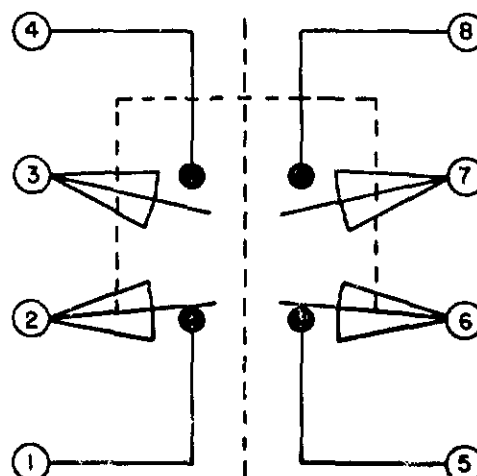


DOUBLE POLE

MOMENTARY



MAINTAINED



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

NOTES:

1 - ALL UNITS AVAILABLE WITH
FLOUROSILICONE AND VITON SEALS

2 DIFFERENTIAL TRAVEL ON ALL
OPERATING CHARACTERISTICS NOT
APPLICABLE

SCALE NONE
DO NOT SCALE PRINT

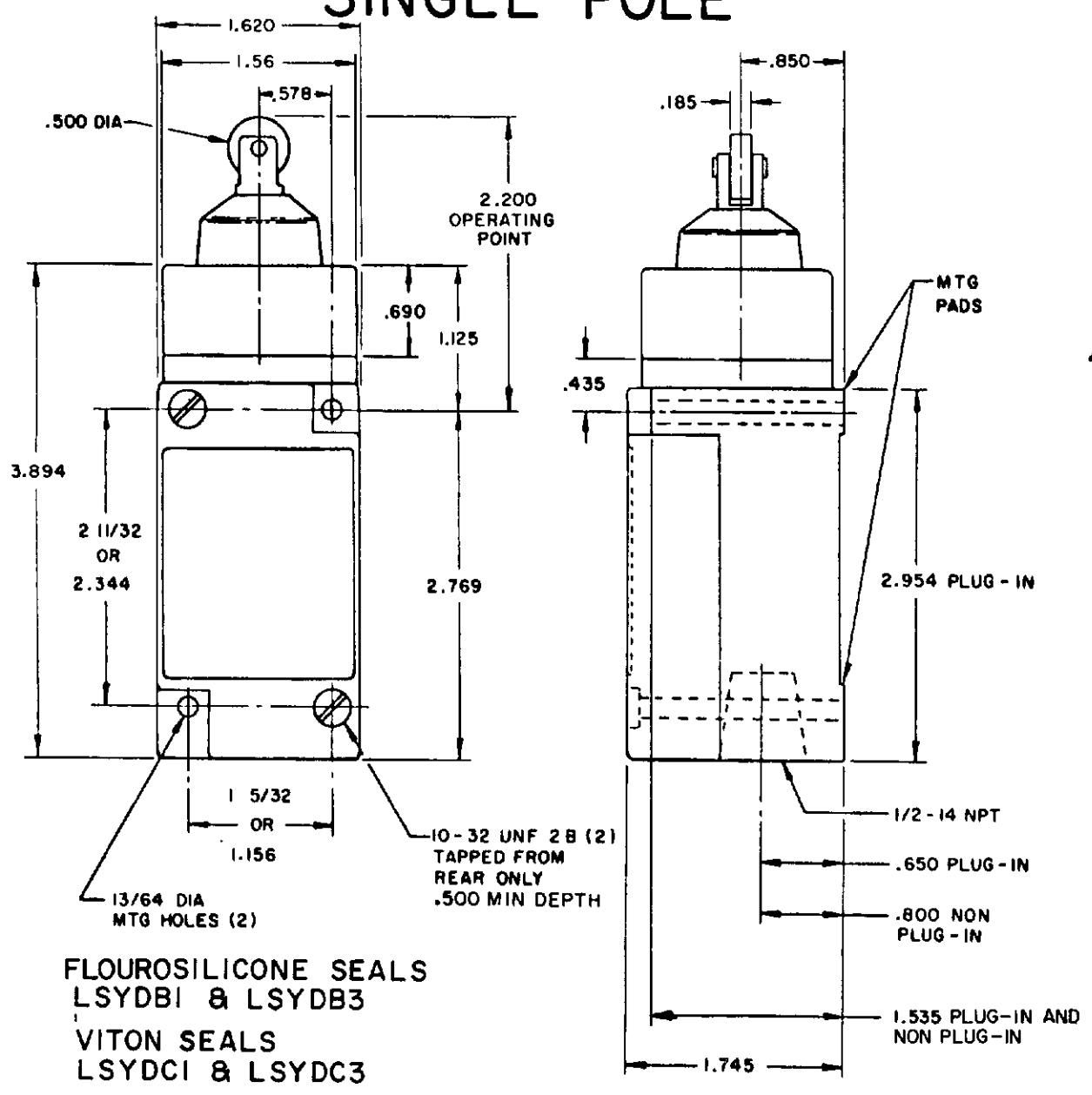
MICRO SWITCH
FREEPORT, L.I., N.Y. U.S.A.
A DIVISION OF HONEYWELL
FID. MFG. CODE 91918

SWITCH - ENCLOSED

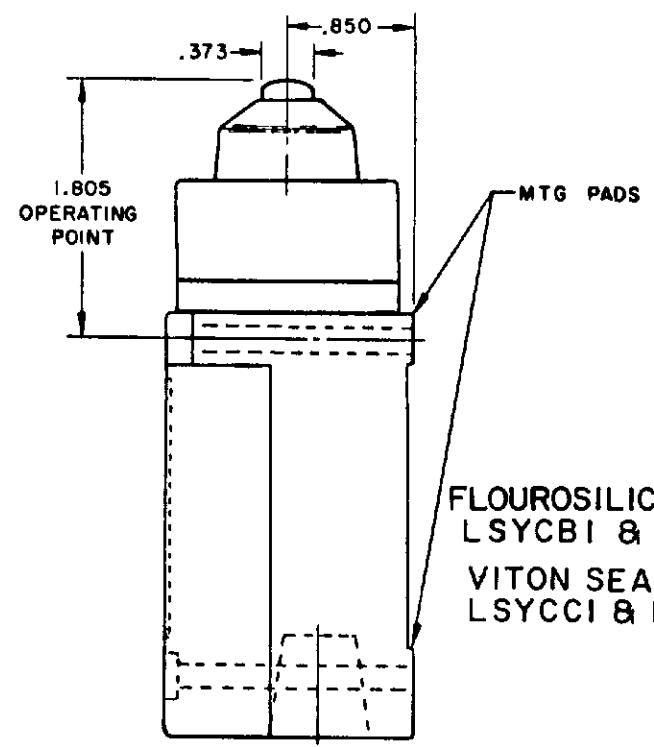
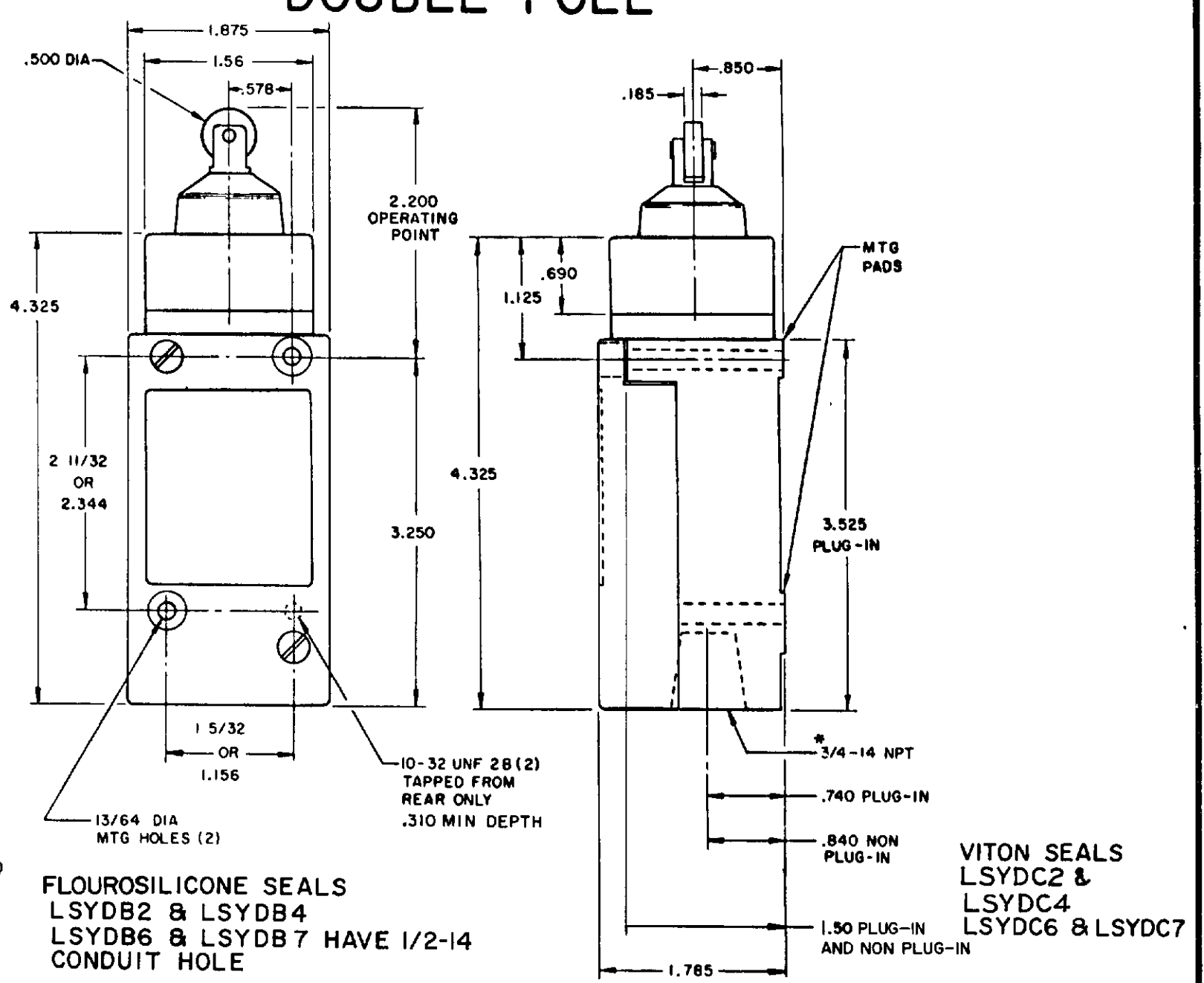
LSY SERIES
CHART 1

PLUNGER TYPE TOP

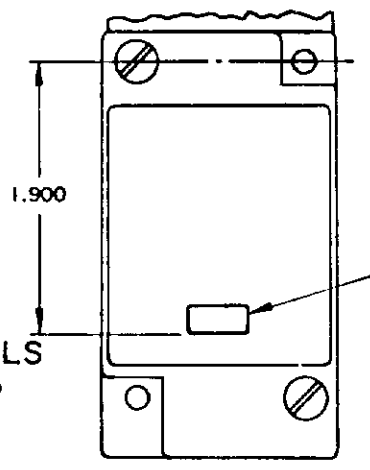
SINGLE POLE



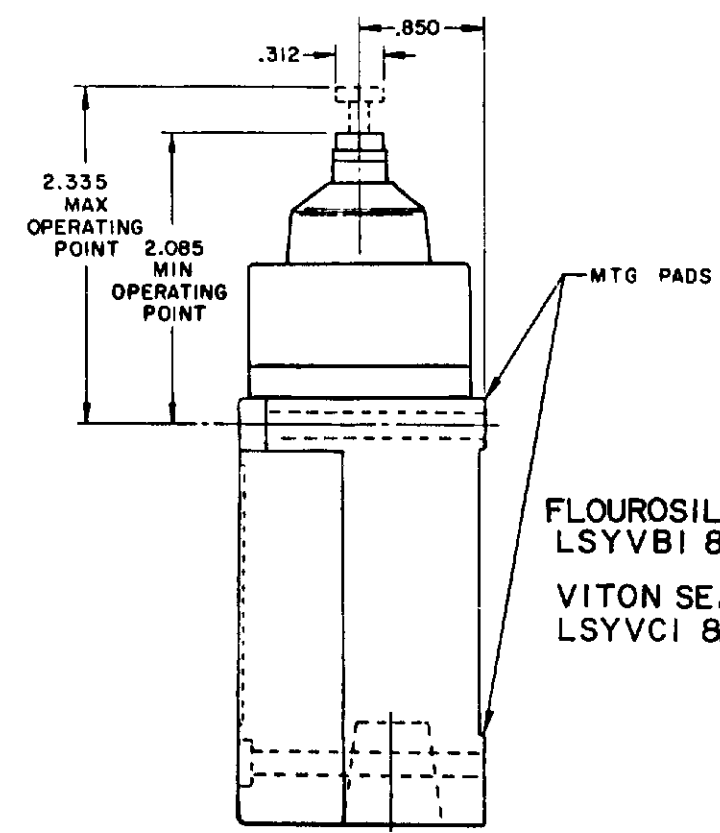
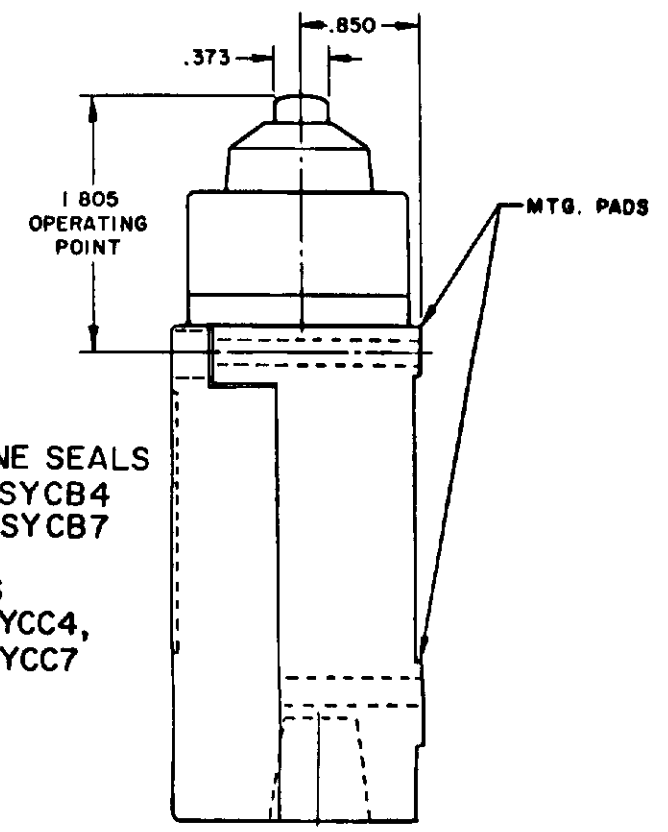
DOUBLE POLE



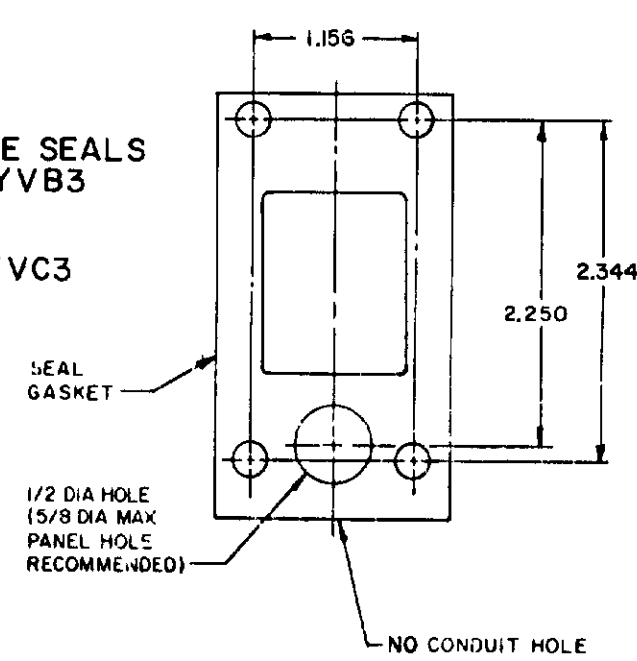
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



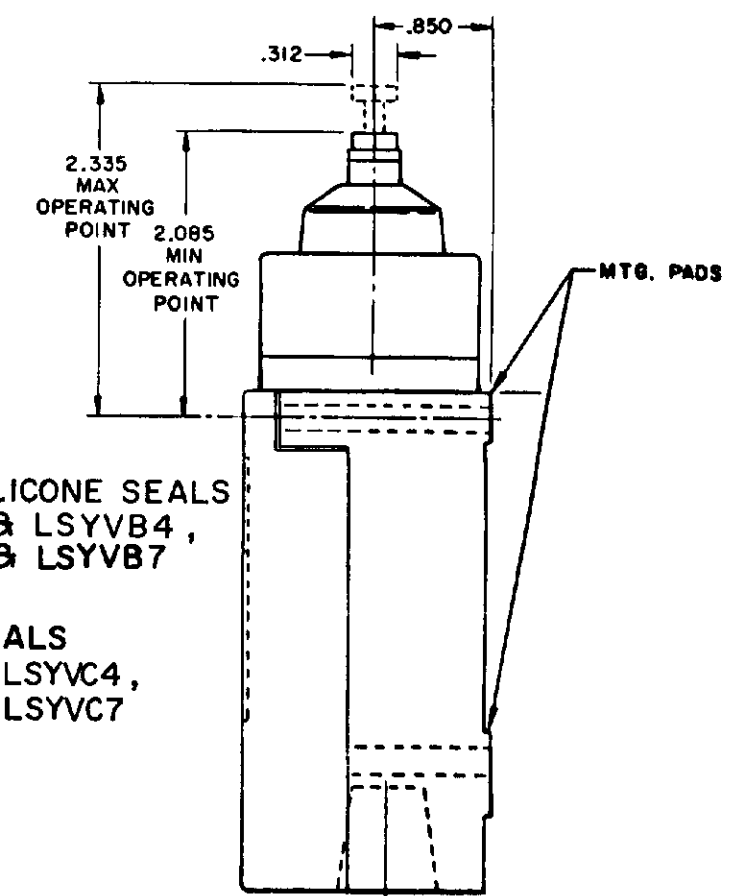
120 LAMP VOLTAGE -
 LSYCB 5, LSYDB5, LSYVB5
 LSYCC5, LSYDC5, LSYVC5
 240 LAMP VOLTAGE -
 LSYCB8, LSYDB8, LSYVB8
 LSYCC8, LSYDC8, LSYVC8



MANIFOLD MOUNT (PLUG-IN ONLY)
SINGLE POLE AND DOUBLE POLE
TYPE LSYA THROUGH LSYW SERIES



FLOUROSILICONE SEALS
 LSYVB2 & LSYVB4,
 LSYVB6 & LSYVB7
 VITON SEALS
 LSYVC2 & LSYVC4,
 LSYVC6 & LSYVC7



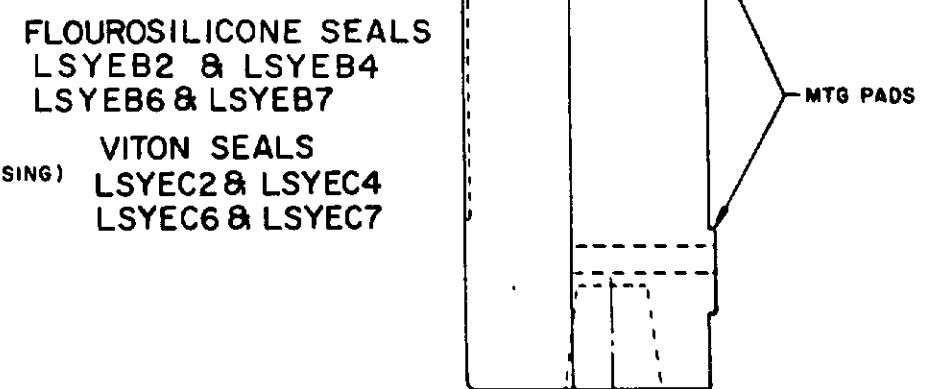
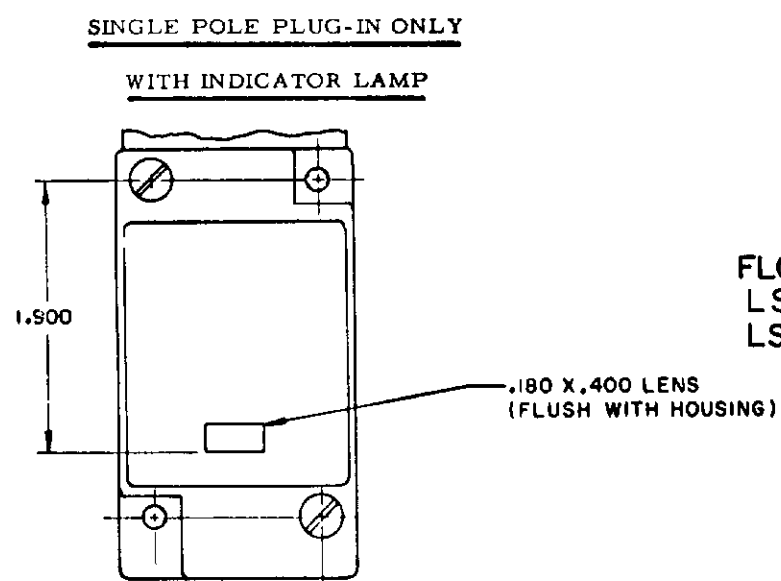
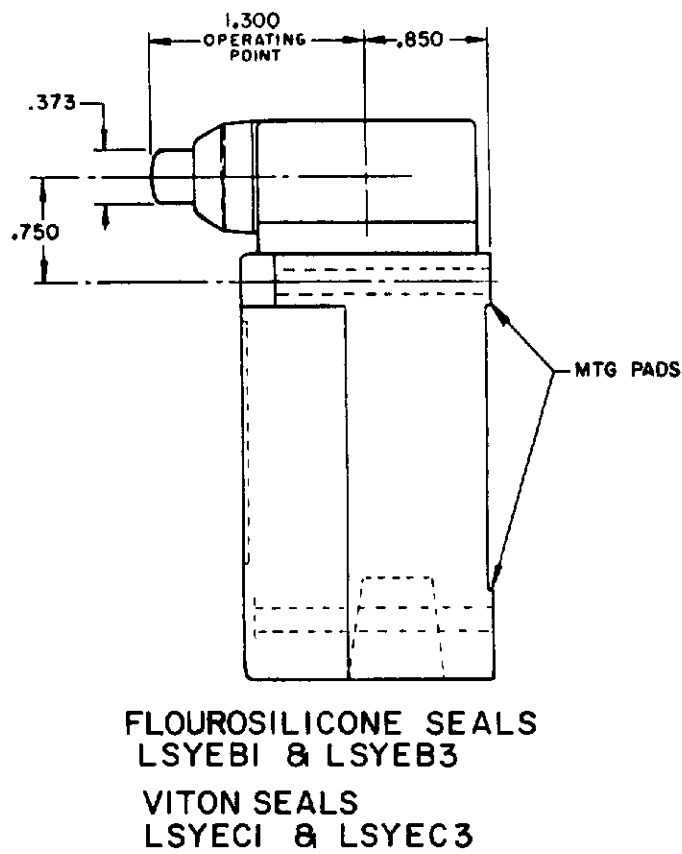
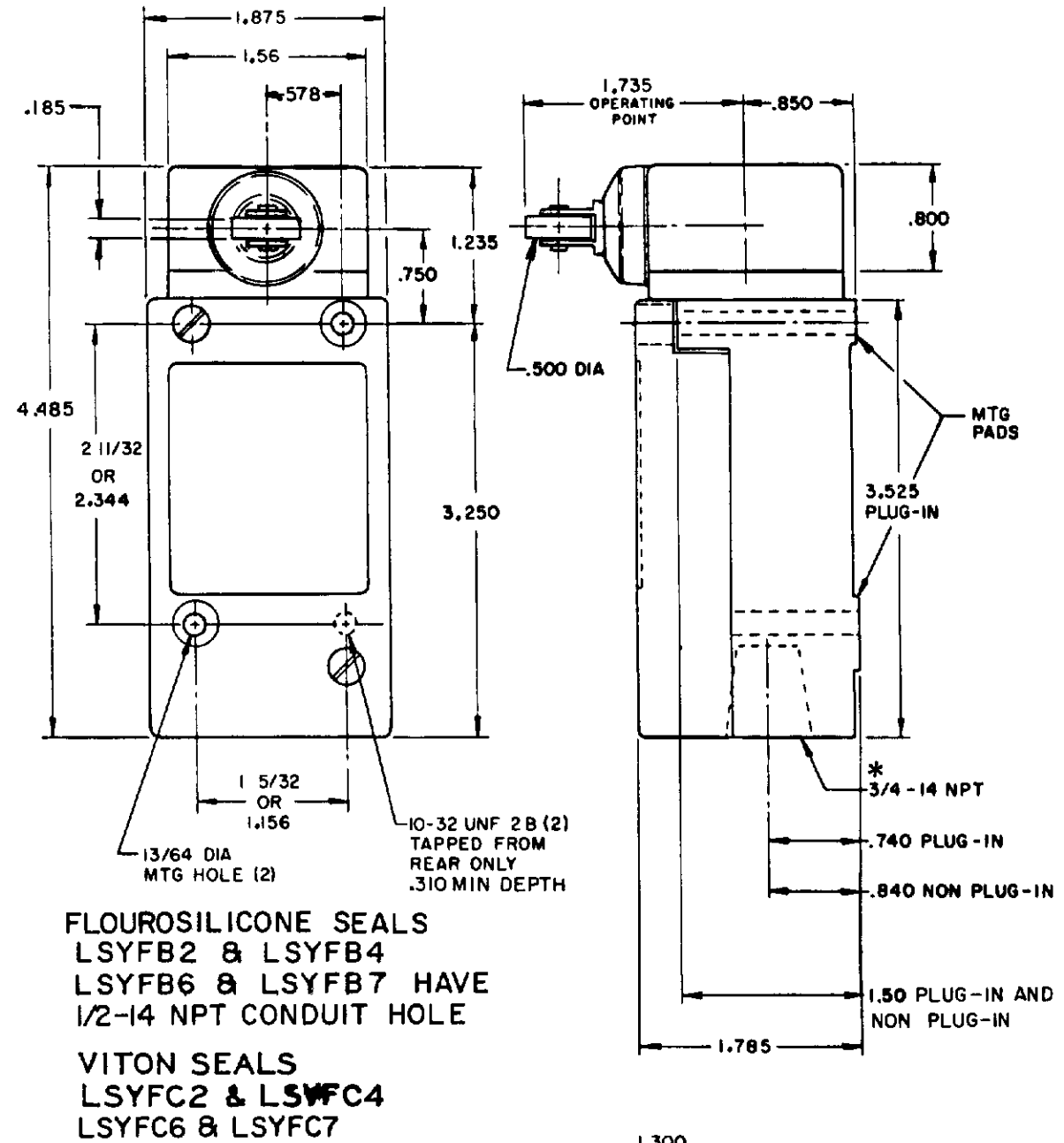
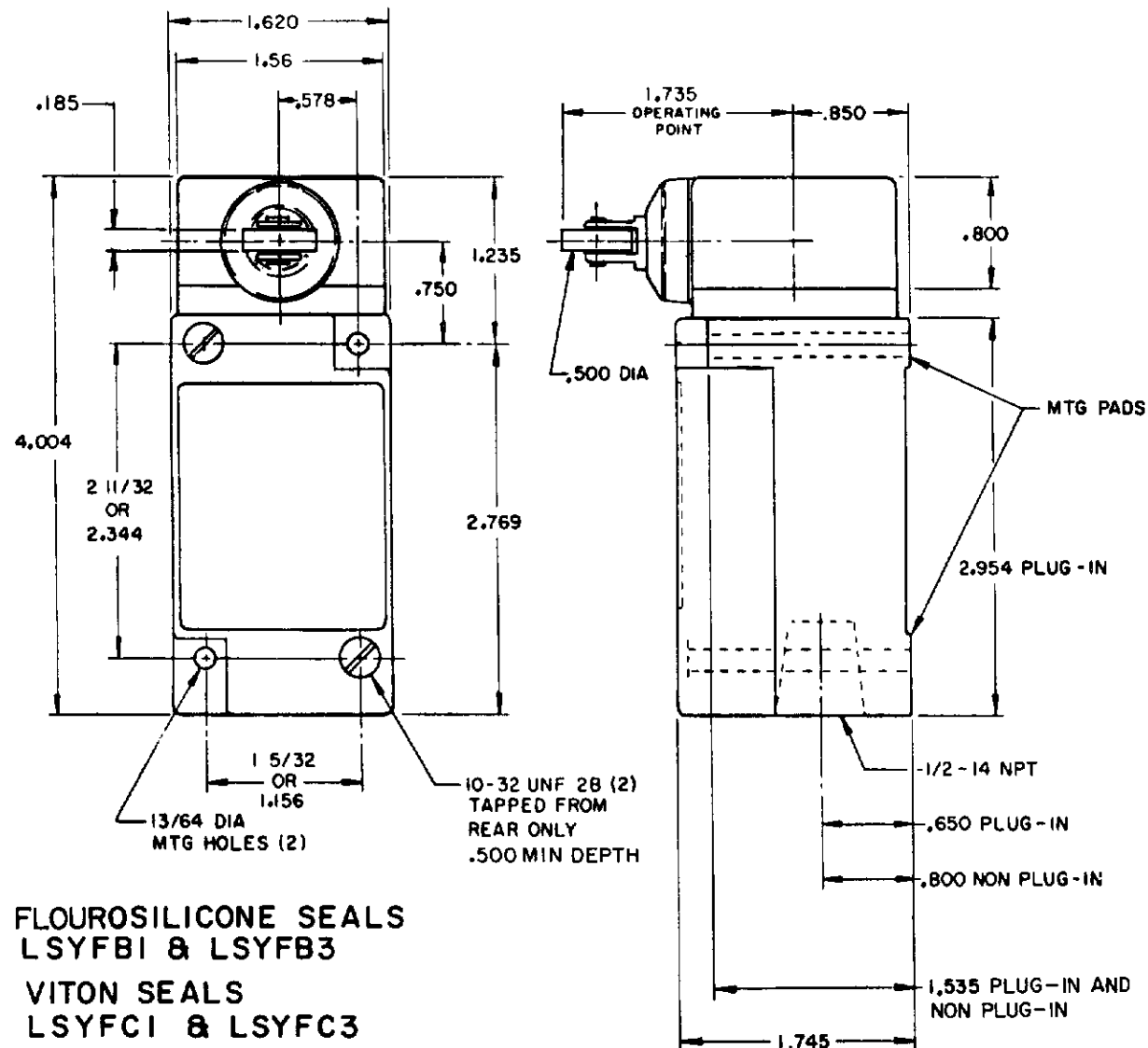
NOTES:
 1 - ALL UNITS AVAILABLE WITH
 FLOUROSILICONE AND VITON SEALS

MICRO SWITCH
 SWITCH - ENCLOSED
 LSY SERIES
 CHART 1

SIDE PLUNGER TYPE

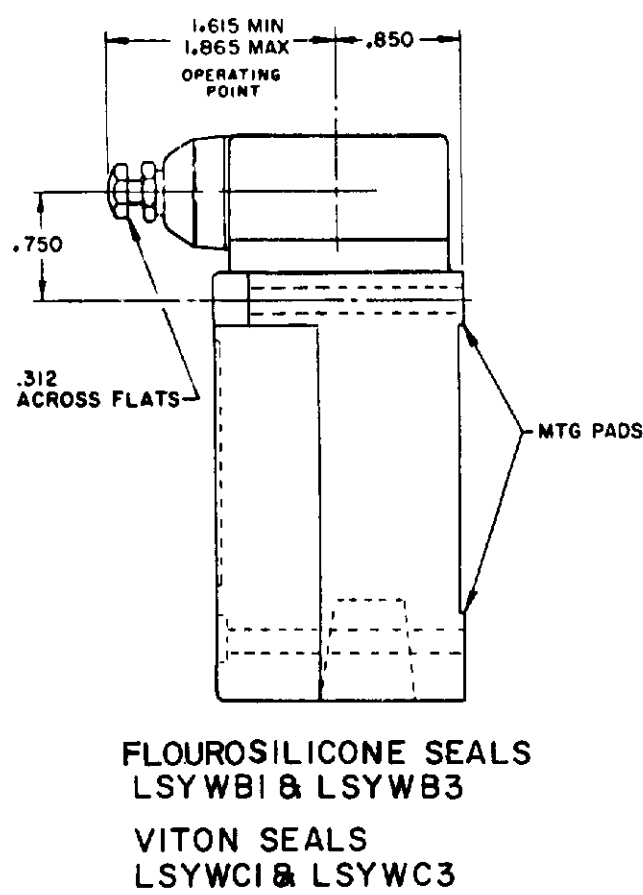
SINGLE POLE

DOUBLE POLE

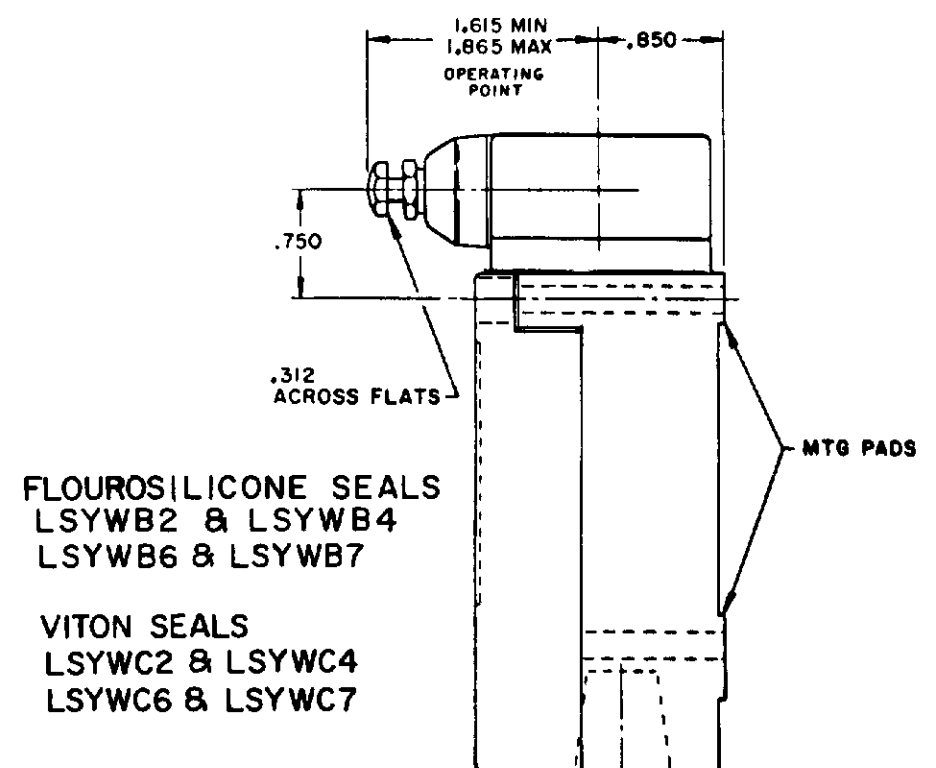
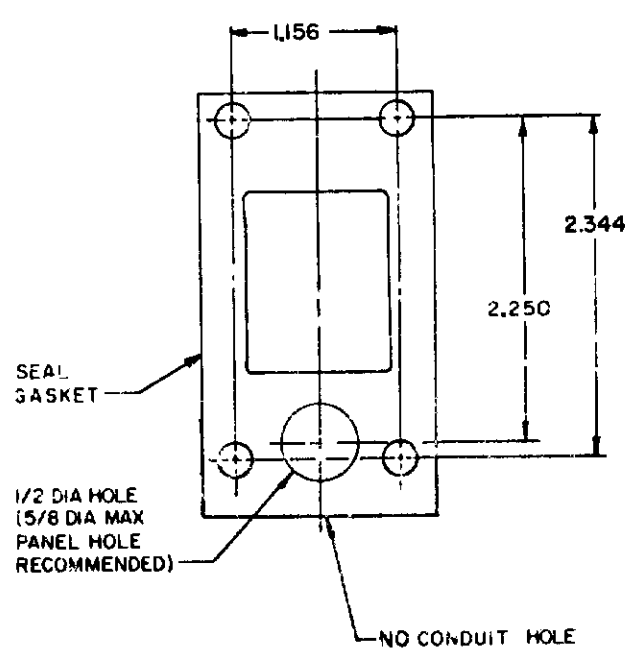


120 LAMP VOLTAGE -
LSYFB5, LSYEB5, LSYWB5
LSYFC5, LSYEC5, LSYWC5

240 LAMP VOLTAGE -
LSYFB8, LSYEB8, LSYWB8
LSYFC8, LSYEC8, LSYWC8



MANIFOLD MOUNT (PLUG-IN ONLY)
SINGLE POLE AND DOUBLE POLE
TYPE LSYA THROUGH LSYW SERIES



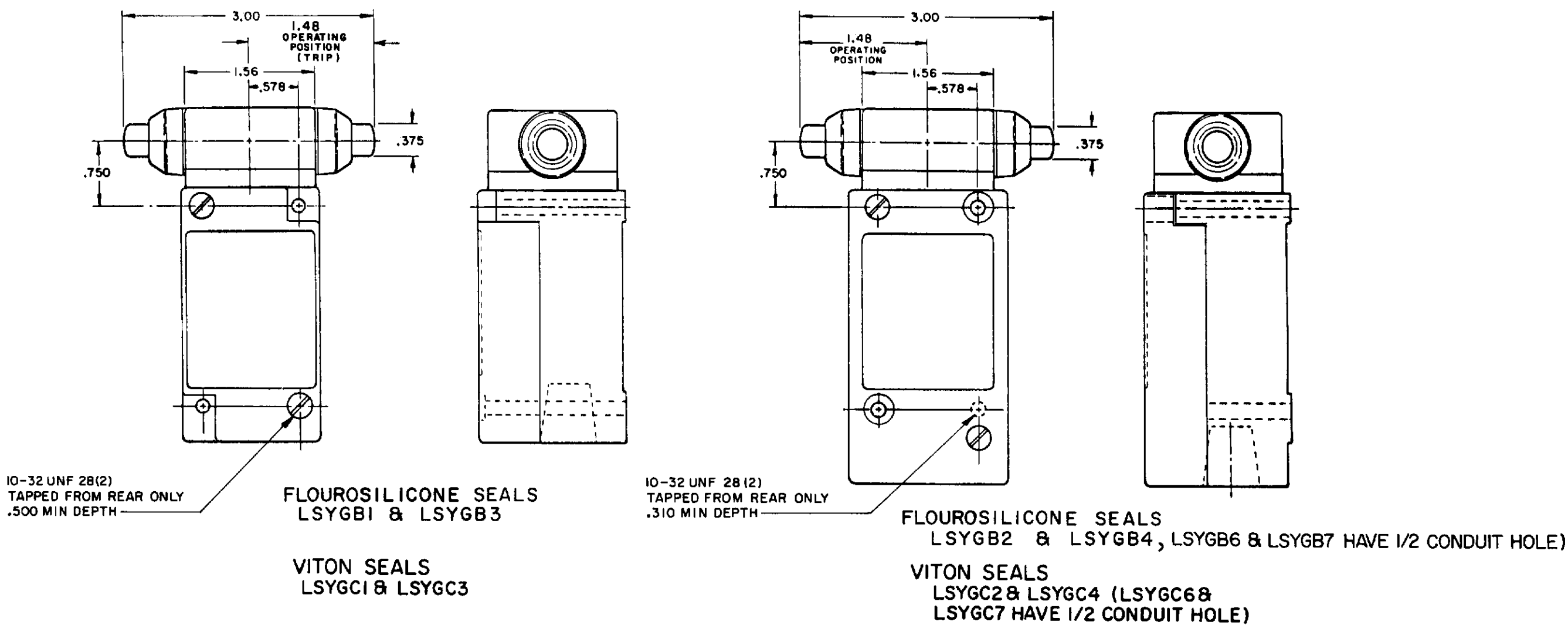
NOTES:
1 - ALL UNITS AVAILABLE WITH
FLOUROSILICONE AND VITON SEALS

MICRO SWITCH
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FED. REG. COPY # 948

SWITCH - ENCLOSED

LSY SERIES
CATALOG LISTING
CHART 1

SCALE NONE
DO NOT SCALE PRINT



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

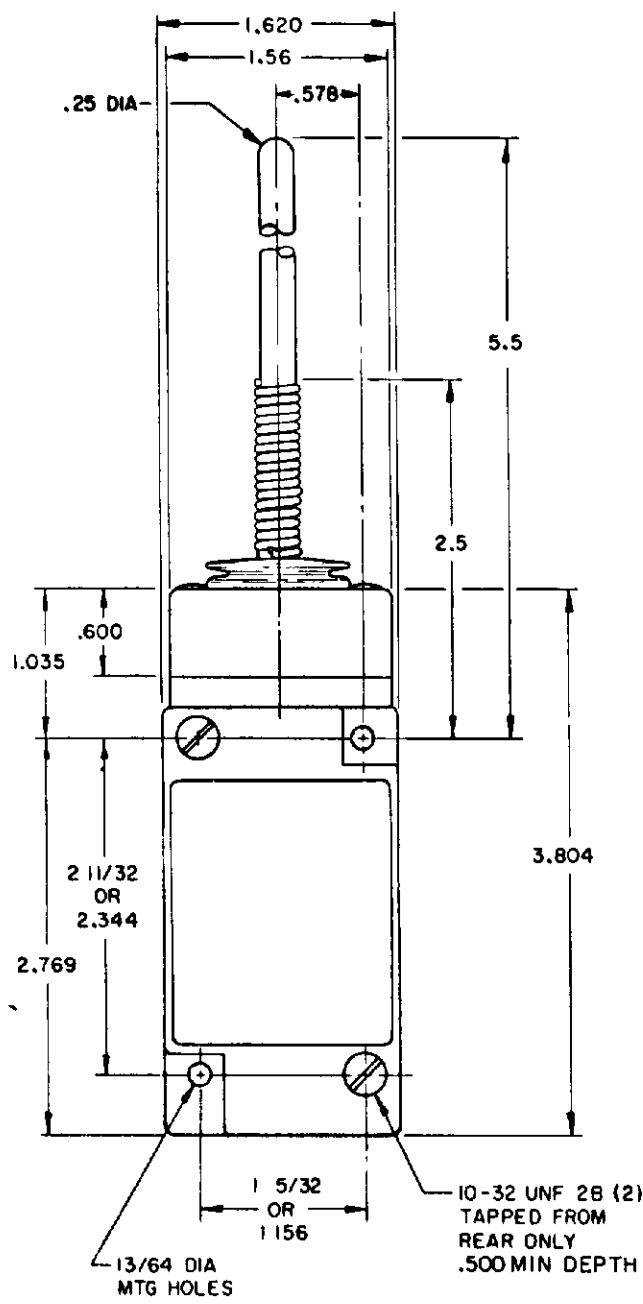
OPERATING POINT GIVEN IN RELATION TO TOP MOUNTING HOLE										TOP PLUNGER TYPES		
CHARACTERISTICS	LSYC PLUNGER		LSYD ROLLER PLUNGER		LSYV ADJ PLUNGER		SEQUENCE BASIC					
							LSYC	LSYD	LSYV			
PRETRAVEL (MAX)	.070		.070		.070		1ST STEP .070 2ND STEP .016 MIN ADD'L					
DIFFERENTIAL TRAVEL (MAX)	SINGLE POLE .015	DOUBLE POLE .020	SINGLE POLE .015	DOUBLE POLE .020	SINGLE POLE .015	DOUBLE POLE .020	.015 EACH STEP					
OVERTRAVEL (MIN)	.190		.190		.190		.170					
OPERATING FORCE (MAX)	4 LBS		4 LBS		4 LBS		4 LBS					
OPERATING POINT	1.805 ± .030		2.200 ± .040		2.085 MIN 2.335 MAX		1ST STEP 1.815±.030 2.210±.040 2.095 MIN / 2.345 MAX					
FULL OVERTRAVEL FORCE (MAX)	7 LBS		7 LBS		7 LBS		7 LBS					

OPERATING POINT GIVEN IN RELATION TO CENTER OF HEAD										SIDE PLUNGER TYPES		
CHARACTERISTICS	LSYE PLUNGER	LSYF ROLLER PLUNGER	LSYW ADJ PLUNGER	LSYG PLUNGER MAINTAINED	SEQUENCE BASIC							
					LSYE	LSYF	LSYW					
PRETRAVEL (MAX)	.100	.100	.100	.170	1ST STEP .100 2ND STEP .020 MIN ADD'L							
DIFFERENTIAL TRAVEL (MAX)	.045	.045	.045	.090	.025 EACH STEP							
OVERTRAVEL (MIN)	.190	.190	.190	.080	.170							
OPERATING FORCE (MAX)	6 LBS	6 LBS	6 LBS	10 LBS	6 LBS							
OPERATING POINT	1.300 ± .030	1.735 ± .040	1.615 MIN 1.865 MAX	1.480 ± .030	1ST STEP 1.310±.030 1.745±.040 1.625 MIN / 1.875 MAX							
FULL OVERTRAVEL FORCE (MAX)	6 LBS	6 LBS	6 LBS	10 LBS	6 LBS							

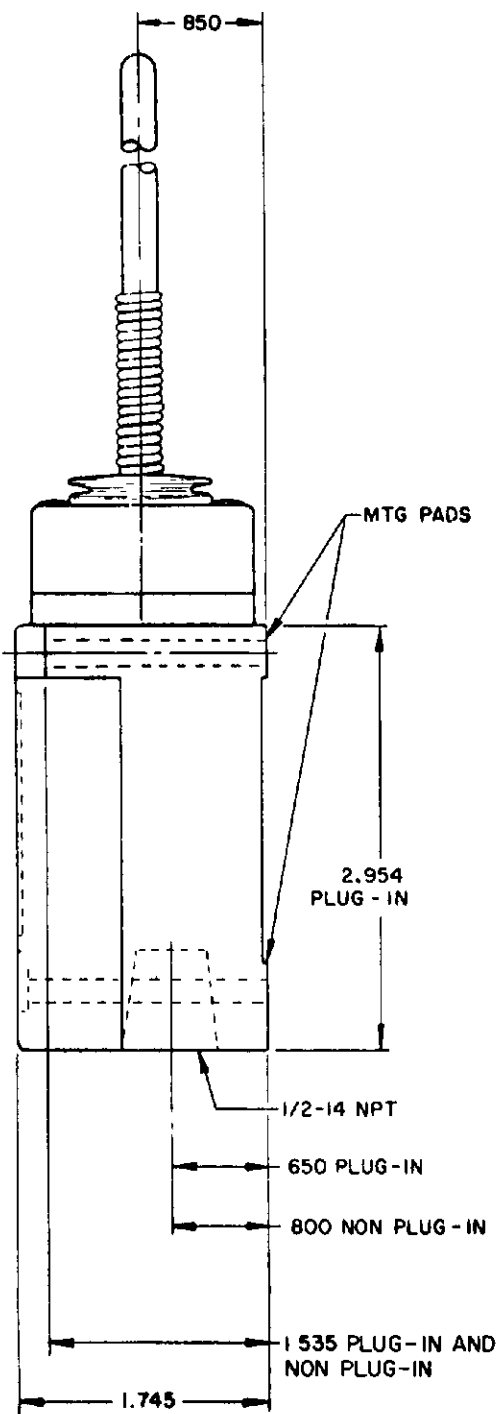
WOBBLE STICK

SINGLE POLE

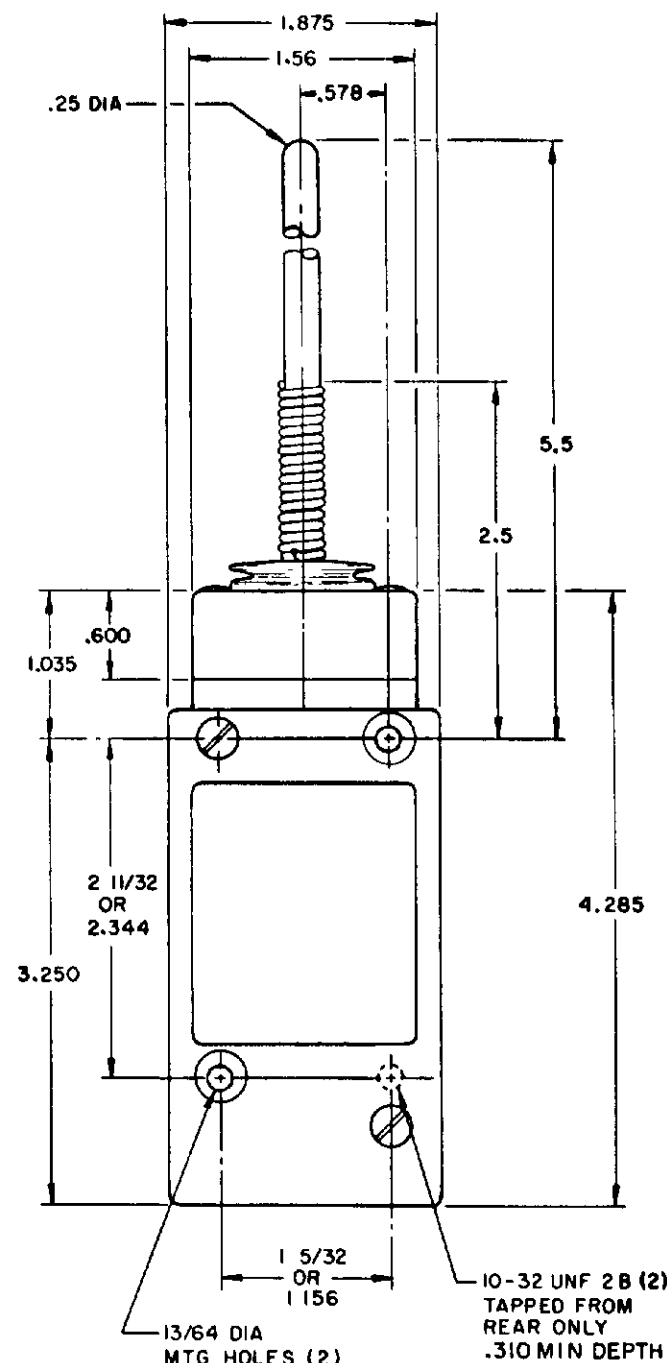
DOUBLE POLE



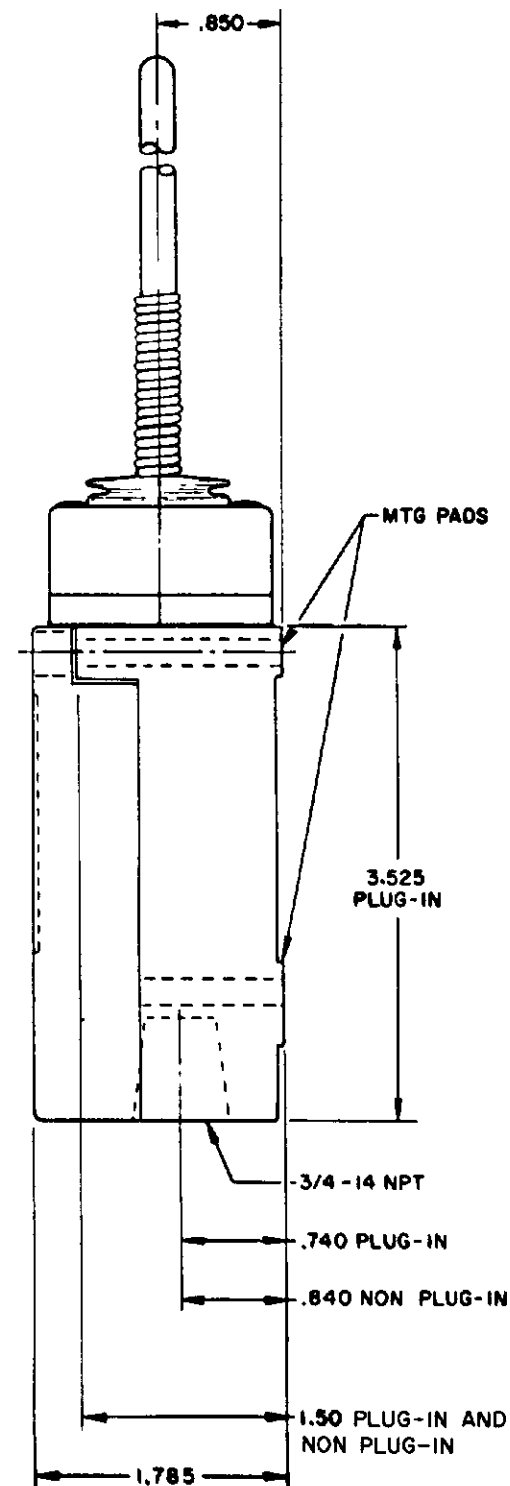
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



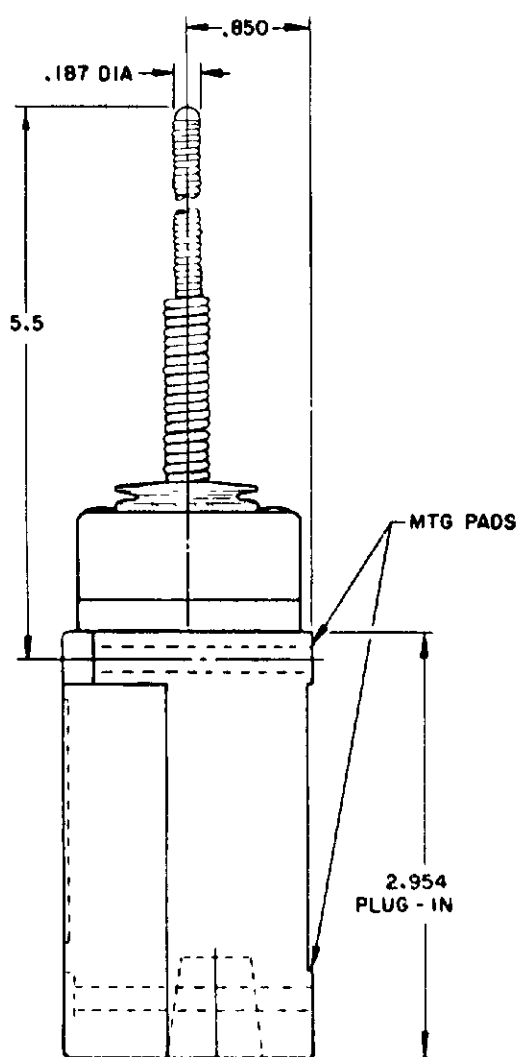
**REPLACEMENT ACTUATOR
LSZ 4009**



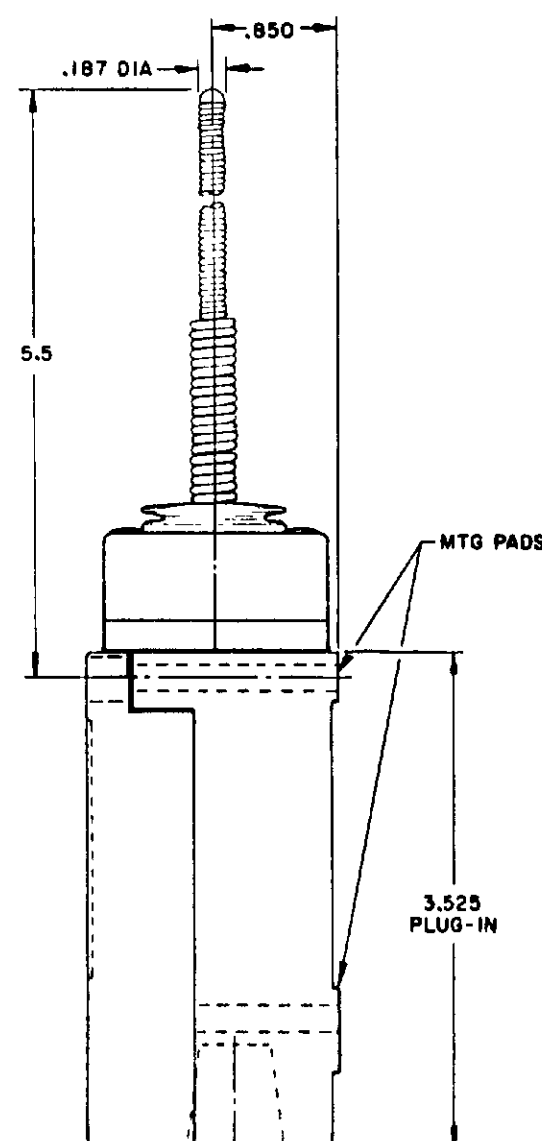
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



**REPLACEMENT ACTUATOR
LSZ 4011**

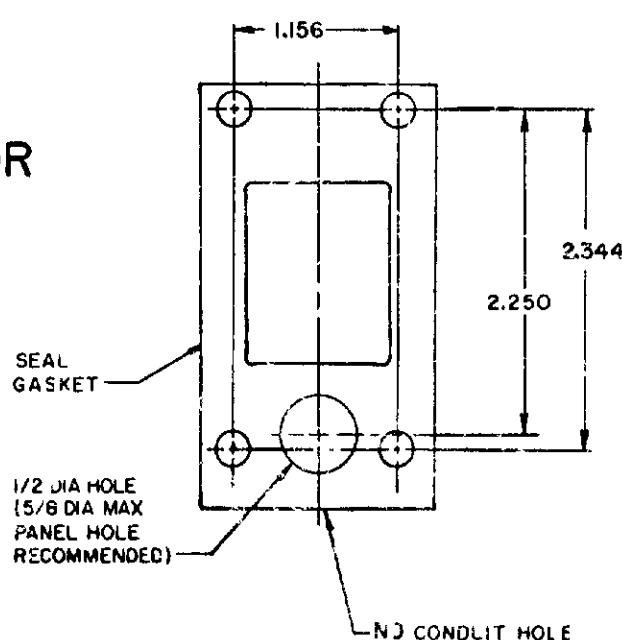


**CABLE EXTENSION
TYPE 7N ACTUATOR**



**CABLE EXTENSION
TYPE 7N ACTUATOR**

MANIFOLD MOUNT (PLUG-IN ONLY)
SINGLE POLE AND DOUBLE POLE
TYPE LSYA THROUGH LSYW SERIES



NOTES:
1 - ALL UNITS AVAILABLE WITH
FLOUROSILICONE AND VITON SEALS

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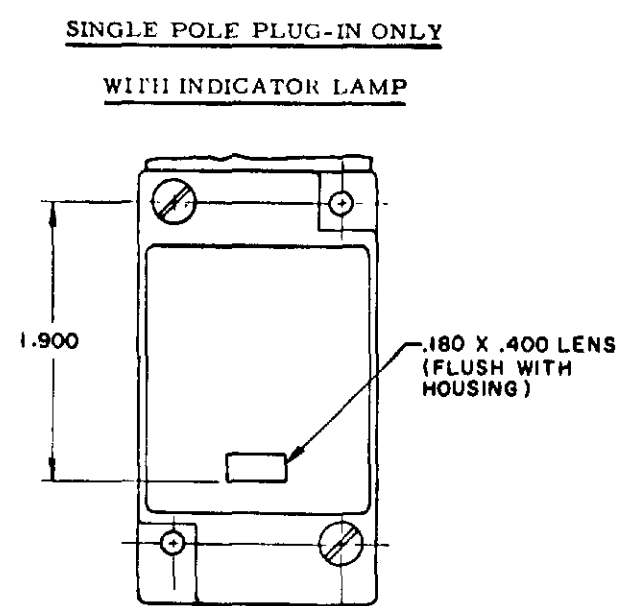
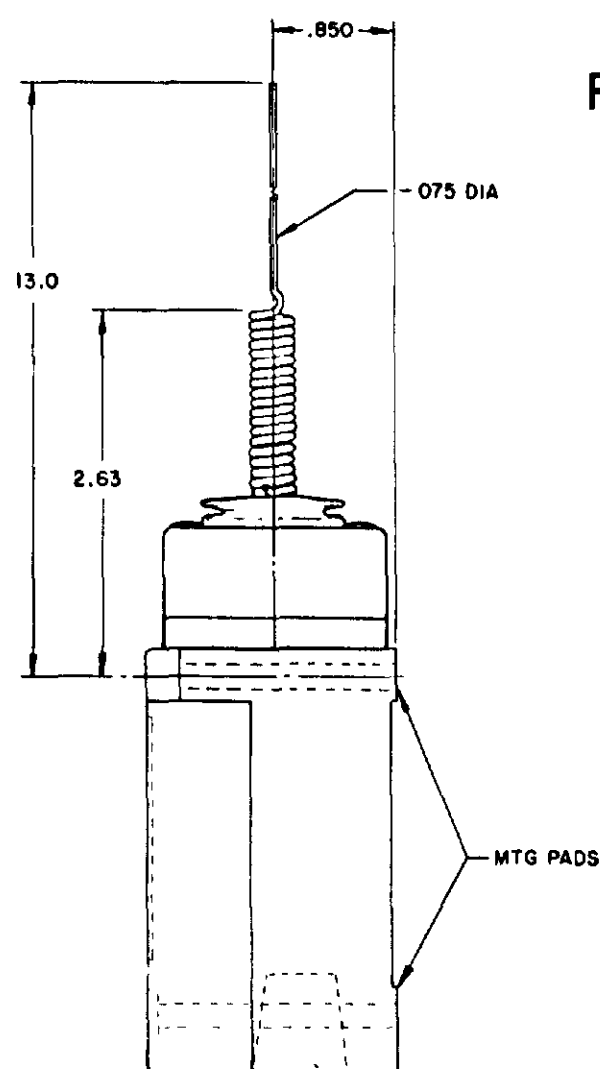
SWITCH-ENCLOSED

CHART 1

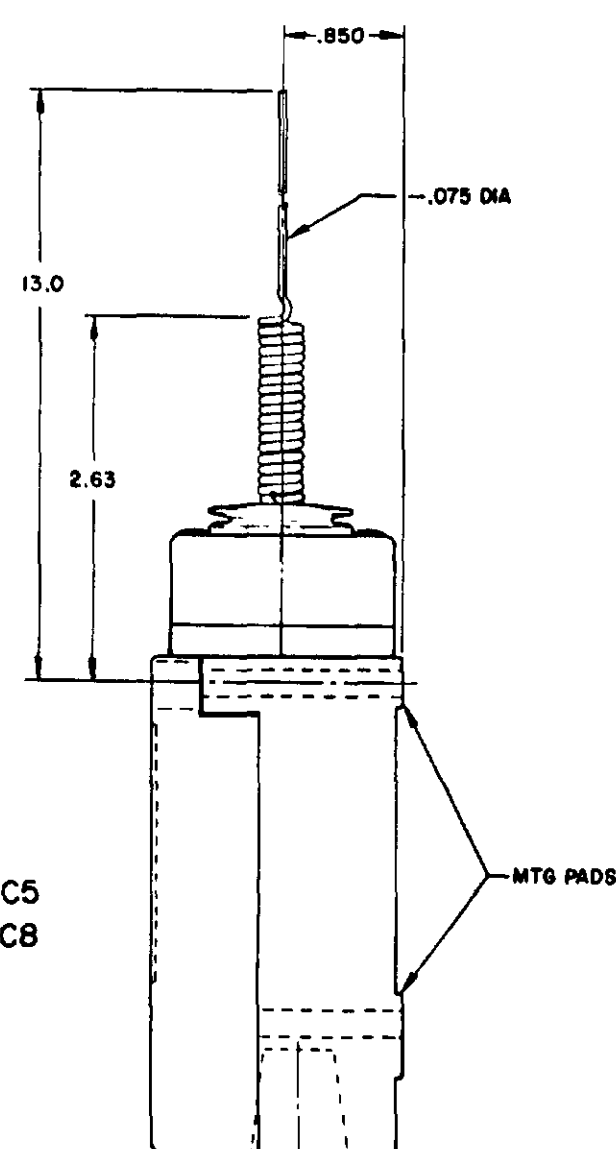
LSY SERIES

SCALE NONE
DO NOT SCALE PRINT

REPLACEMENT ACTUATOR LSZ40IO



120 LAMP VOLTAGE TYPE-LSYJB5 & LSYJC5
240 LAMP VOLTAGE TYPE-LSYJB8 & LSYJC8



WIRE EXTENSION TYPE 7M ACTUATOR

FLOUROSILICONE SEALS
LSYJBI & LSYJB3

VITON SEALS
LSYJC1 & LSYJC3

WIRE EXTENSION TYPE 7M ACTUATOR

FLOUROSILICONE SEALS

LSYJB2 & LSYJB4

LSYJB6 & LSYJB7 HAVE 1/2 -14 NPT CONDUIT HOLE

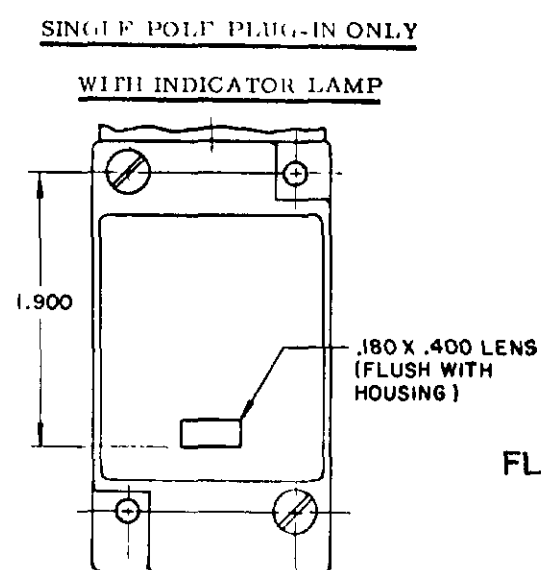
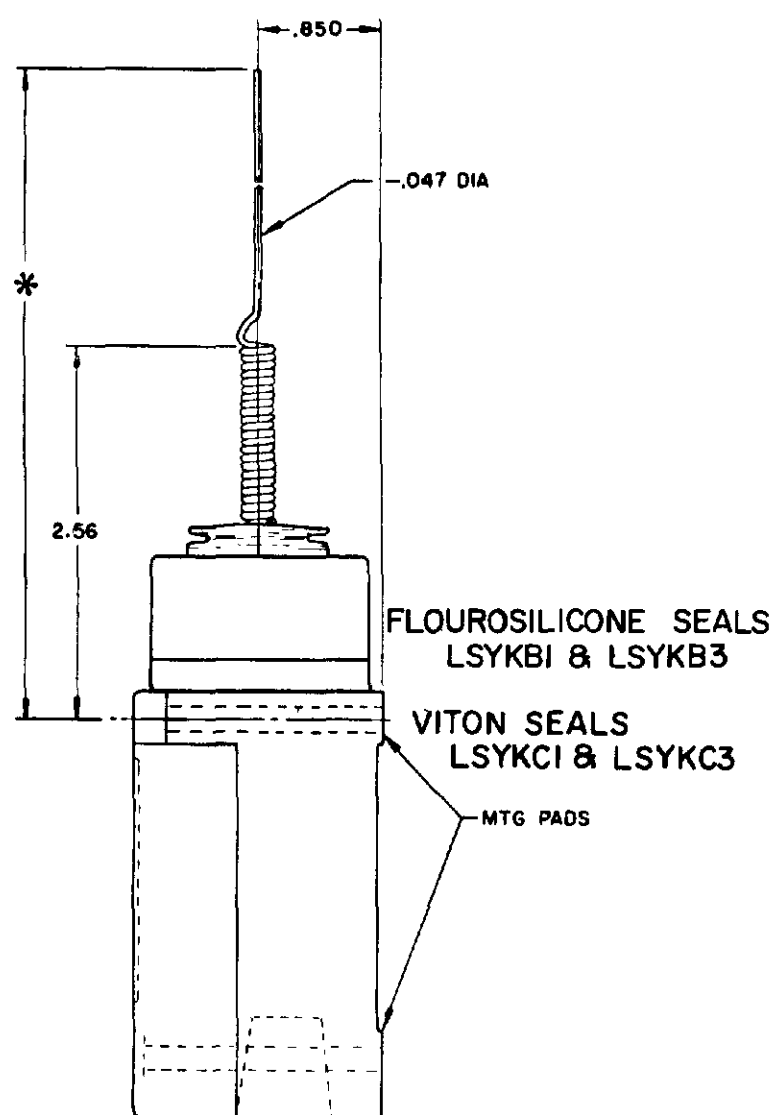
VITON SEALS LSYJC2 & LSYJC4

LSYJC6 & LSYJC7 HAVE 1/2-14 NPT CONDUIT HOLE

REPLACEMENT ACTUATOR LSZ 4010

CAT WHISKER

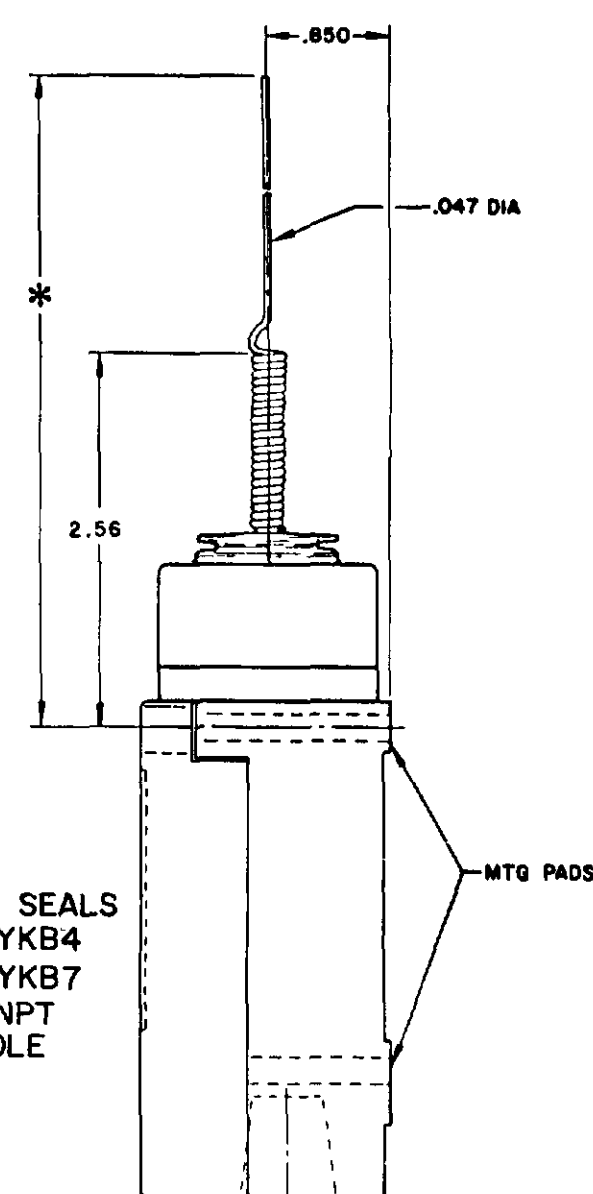
SINGLE POLE



FLOUROSILICONE SEALS
120 LAMP VOLTAGE
LSYKB5 CAT WHISKER LSYBB5 TOP ROTARY
240 LAMP VOLTAGE
LSYKB8 CAT WHISKER LSYBB8 TOP RATORY

VITON SEALS
120 LAMP VOLTAGE
LSYKC5 CAT WHISKER LSYBC5 TOP ROTARY
240 LAMP VOLTAGE
LSYKC8 CAT WHISKER LSYBC8 TOP ROTARY

DOUBLE POLE



WIRE EXTENSION REPLACEMENTS

*TYPE 8A ACTUATOR 5.5 IN. - LSZ 4012
TYPE 8B ACTUATOR 7.5 IN. - LSZ 4013
TYPE 8C ACTUATOR 5.5 IN. - LSZ 4014

NOTE-
1 - ALL UNITS AVAILABLE WITH
FLOUROSILICONE AND VITON SEALS

	CAT WHISKER			WOBBLE STICK		
PRETRAVEL (APPROX) IN. RADIUS	5 1/2" COIL WIRE	5 1/2" WIRE	7 1/2" WIRE	ROD	CABLE	WIRE
	2	2	4.5	1.0	1.5	4.0
OPERATING FORCE-OZ (MAX)	7.0	5.0	3.0	10.0	7.0	5.0

MICRO SWITCH
FREERPORT ILLINOIS U.S.A.
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FED REG CODE 91919

SWITCH-ENCLOSED

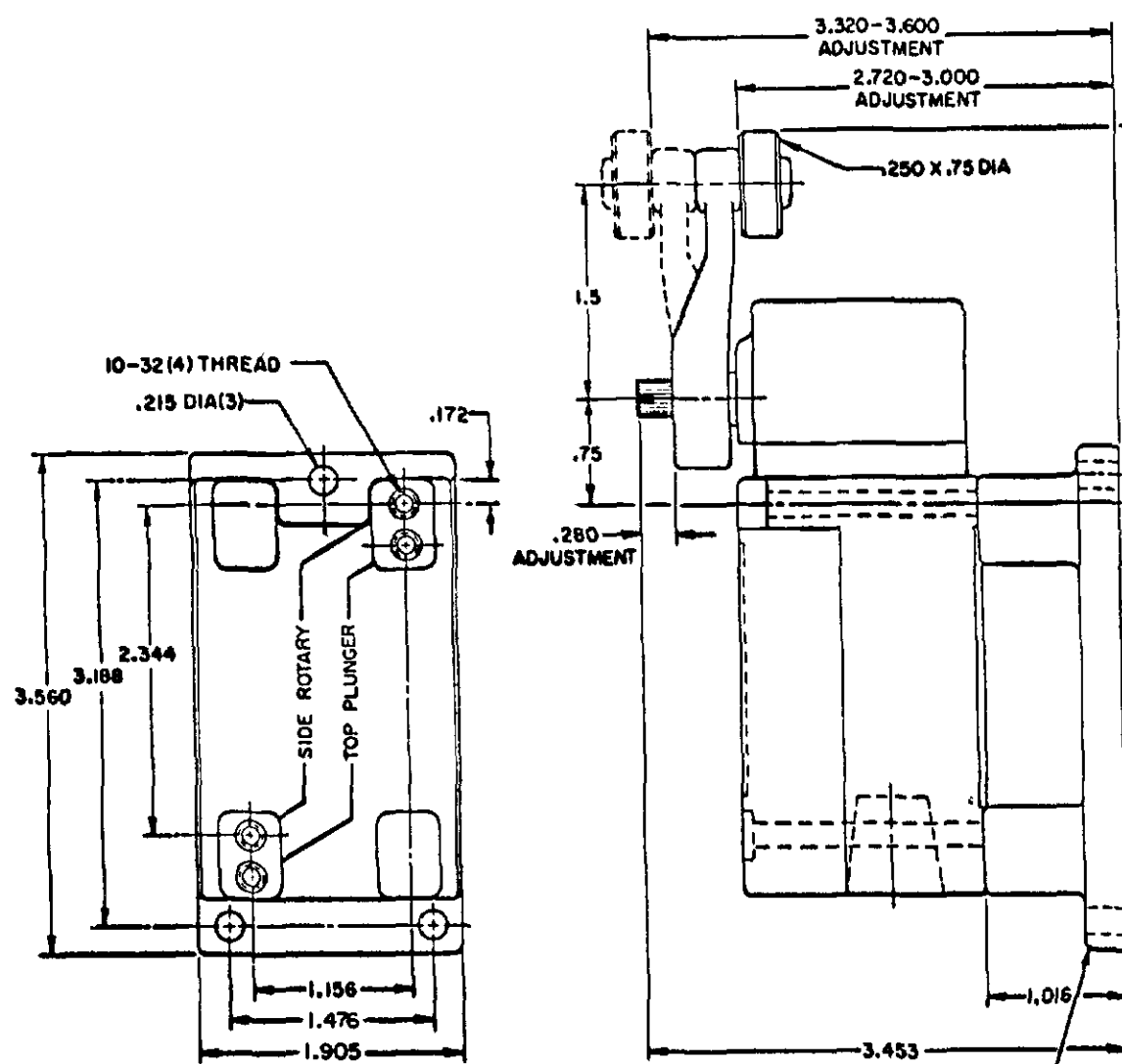
CHART 1

LSY SERIES

SCALE NONE
DO NOT SCALE PRINT

MLSY SERIES CHART 1
PAGE 8 OF 10

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



LSZ4003 CONVERSION BASE, WHEN USED WITH
HEAVY DUTY LS WILL GIVE SAME TRACKING AS
201LS TYPE (LIMIT SWITCH NOT INCLUDED) —

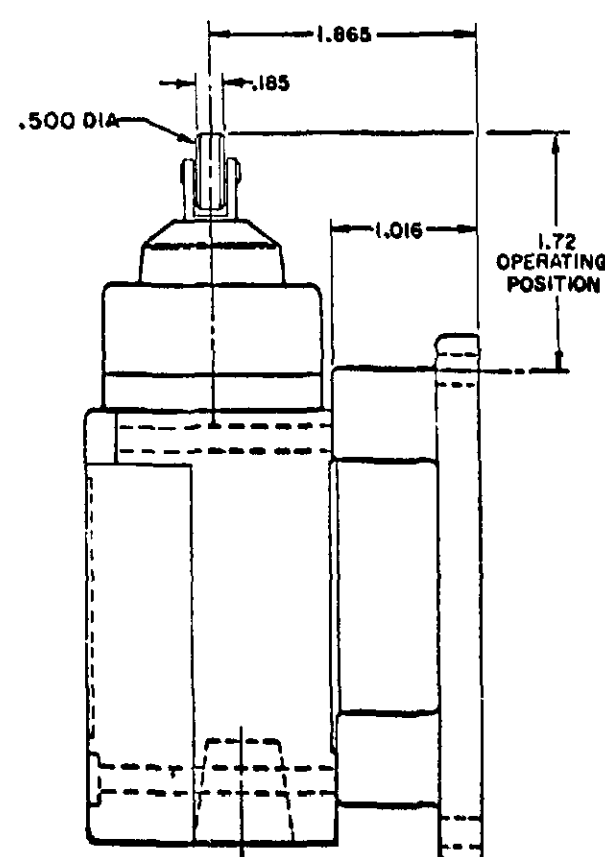
Technical drawing of a mechanical assembly, likely a valve or actuator, showing dimensions in inches. The drawing includes a side view and a cross-sectional view.

Dimensions and labels:

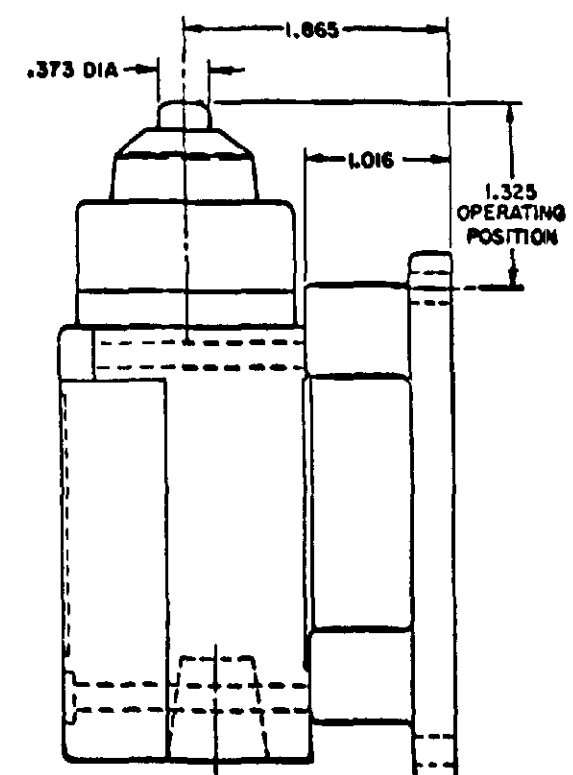
- Top horizontal dimension: 3.445 - 3.725 ADJUSTMENT
- Top horizontal dimension (inner): 2.845 - 3.125 ADJUSTMENT
- Left vertical dimension: 2.453
- Left vertical dimension (inner): 1.5
- Left vertical dimension (bottom): .75
- Label: .250 X .75 DIA
- Bottom horizontal dimension: 3.578
- Bottom horizontal dimension (inner): 1.141
- Bottom right dimension: .125

LSZ4004 (FURNISHED ASSEMBLED) CONVERSION BASE,
WHEN USED WITH HOLS WILL GIVE SAME TRACKING
AS 301LS TYPE (LIMIT SWITCH NOT INCLUDED) ———

Technical drawing of the front view of a rectangular plate. The drawing shows a rectangular plate with a central vertical slot. The overall width is 1.56. The overall height is 2.344. The distance from the top edge to the top of the central slot is .480. The central slot is labeled "SIDE ROTARY" and "TOP PLUNGER". The plate has four corner holes and two larger central holes. The drawing is labeled "FIG. 1" and "FRONT VIEW".



— LSZ4003 CONVERSION BASE, WHEN USED WITH
HOLS WILL GIVE SAME TRACKING AS 201LS
TYPE (LIMIT SWITCH NOT INCLUDED) —————



— LSZ4003 CONVERSION BASE, WHEN USED WITH
HOLS WILL GIVE SAME TRACKING AS 201LS
TYPE (LIMIT SWITCH NOT INCLUDED) —————

MICRO SWITCH FREEPORT ILLINOIS U.S.A. A DIVISION OF HONEYWELL 720 WFL CODE 9192	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.	SWITCH -- ENCLOSED	CATALOG LISTING
	LSY SERIES CHART 1		

SCALE FULL
DO NOT SCALE PRINT

TEMPERATURE LIMITATIONS FOR
DEVICES WITH FLUORSILICONE (LSYAB**) AND VITON (LSYAC**) SEALS

[illegible]

CODE: 1 SATISFACTORY 2 FAIR 3 DOUBTFUL 4 UNSATISFACTORY

- ① FLUORSILICONE SEAL (LSYAB**) FOR LOW TEMPERATURE APPLICATIONS
- ② VITON SEALS (LSYAC**) FOR FIRE-RESISTANT FLUIDS
- ③ ALL EXCEPT A60

	LOW LIMIT	HIGH LIMIT
LSYAB	-40° F	+250° F
LSYAC	+10° F	+250° F
LSYBB	-20° F	+250° F
LSYBC	+30° F	+250° F
LSYCB	-40° F	+200° F
LSYCC	+10° F	+250° F
LSYDB	-40° F	+200° F
LSYDC	+10° F	+250° F
LSYEB	- 40° F	+200° F
LSYEC	+10° F	+250° F
LSYFB	- 40° F	+200° F
LSYFC	+10° F	+250° F
LSYGB	-20° F	+200° F
LSYGC	+30° F	+250° F
LSYHB	-20° F	+250° F
LSYHC	+30° F	+250° F
LSYJB	-40° F	+250° F
LSYJC	+30° F	+250° F
LSYKB	-20° F	+250° F
LSYKC	+30° F	+250° F
LSYLB	-40° F	+250° F
LSYLC	+10° F	+250° F
LSYMB	-40° F	+250° F
LSYMC	+10° F	+250° F
LSYNB	-20° F	+250° F
LSYNC	+30° F	+250° F
LSYPB	-40° F	+250° F
LSYPC	+10° F	+250° F
LSYRB	-20° F	+250° F
LSYRC	+30° F	+250° F
LSYVB	-40° F	+200° F
LSYVC	+10° F	+250° F
LSYWB	- 40° F	+200° F
LSYWC	+10° F	+250° F

SCALE

DO NOT SCALE PRINT

UNIFORM DIMENSIONAL
TOLERANCES ARE IN INCHES

TOLERANCES ARE

IN PLACE 1.00 1.500
IN PLACE 1.000 1.500
IN PLACE 1.000 1.500
IN PLACE 1.000 1.500

SCALE

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FREEPORT ILLINOIS U S A
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FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
LSY SERIES
CHART 1

CATALOG LISTING		M		LSY SERIES CHART 1		PAGE 10 OF 10		10JUL07		RELEASE NO CO-78499		REPLACES LSY SERIES																																																									
ISSUE		7																																																																			
<table border="1"> <tr> <td colspan="2">REVISONS</td> <td colspan="2">A</td> <td colspan="2">1994B</td> <td colspan="2">C</td> <td colspan="2">10 JAN 00</td> <td colspan="2">B</td> <td colspan="2">200704</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">C</td> <td colspan="2">23 JUN 00</td> <td colspan="2">C</td> <td colspan="2">200853</td> <td colspan="2">D</td> <td colspan="2">21 JUL 00</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">E</td> <td colspan="2">0012601</td> <td colspan="2">C</td> <td colspan="2">23 JAN 01</td> <td colspan="2">AK</td> <td colspan="2">19APR05</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">F</td> <td colspan="2">10031956</td> <td colspan="2">BS</td> <td colspan="2">10JUL07</td> <td colspan="2">JAF</td> <td colspan="2">12 SEP 94</td> </tr> </table>														REVISONS		A		1994B		C		10 JAN 00		B		200704				C		23 JUN 00		C		200853		D		21 JUL 00				E		0012601		C		23 JAN 01		AK		19APR05				F		10031956		BS		10JUL07		JAF		12 SEP 94	
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RASTER

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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