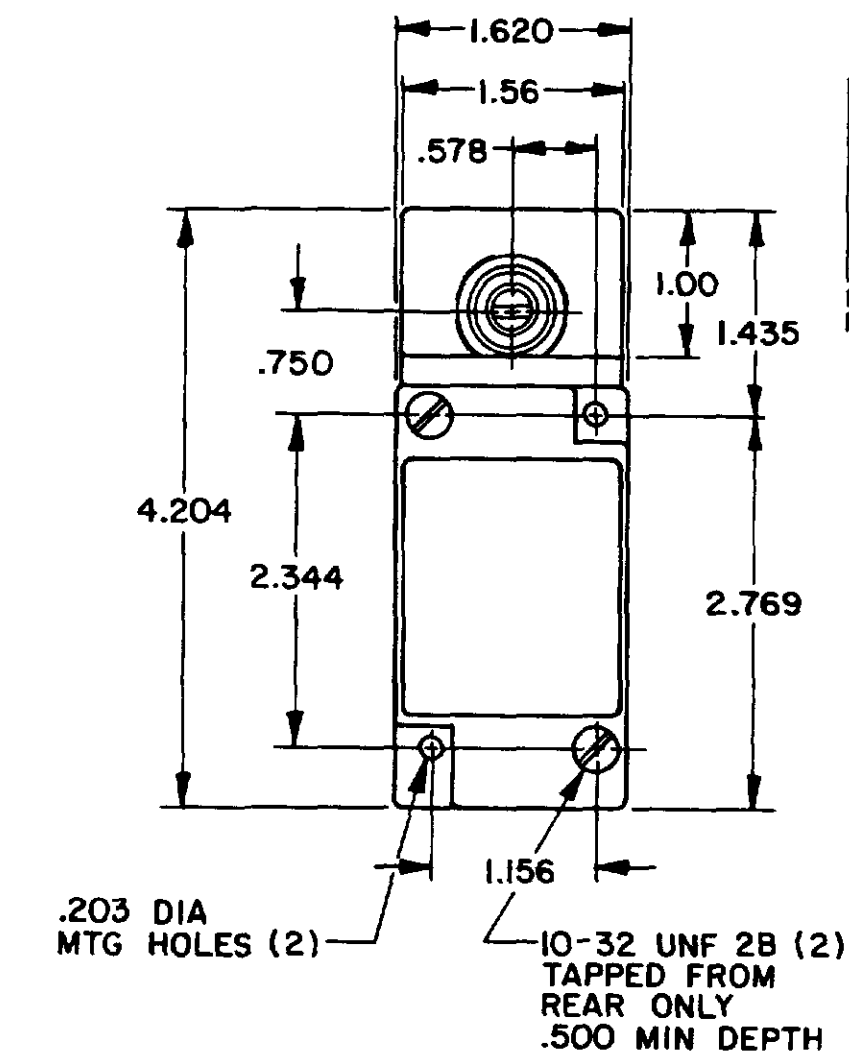


OPERATING CHARACTERISTICS	LSYA MOMENTARY	LSYR MOMENTARY LOW TORQUE	LSYN MAINTAINED	LSYP MOMENTARY LOW PRETRAVEL AND DIFF. TRAVEL	LSYH MOMENTARY LOW PRETRAVEL AND LOW TORQUE	LSYL SEQUENCE DOUBLE POLE ONLY	LSYM CENTER NEUTRAL DOUBLE POLE ONLY	LSYS GRAVITY RETURN	LSYU LOW PRETRAVEL
PRETRAVEL(MAX)	15°	15°	65°	9°	9°	1ST STEP 15° 2ND STEP 10° ADD'L	18°	NOT APPLICABLE	5°
OVERTRAVEL(MIN)	60°	60°	20°	68°	68°	48°	57°	NOT APPLICABLE	70°
DIFFERENTIAL TRAVEL(MAX)	SINGLE POLE 5° DOUBLE POLE 7°	SINGLE POLE 5° DOUBLE POLE 7°	40°	SINGLE POLE 3° DOUBLE POLE 4°	SINGLE POLE 3° DOUBLE POLE 4°	5°	10°	12°	SGL POLE 3° DBL POLE 4°
TOTAL TRAVEL (REF)	75°	75°	90°	75°	75°	75°	75°	360°	75°
OPERATING TORQUE(MAX)	4 IN. LBS	1.7 IN. LBS	4 IN. LBS	4 IN. LBS	1.7 IN. LBS	4 IN. LBS	4 IN. LBS	5 IN-OZ	4 IN. LBS
FULL TRAVEL TORQUE(MAX)	4 IN. LBS	1.7 IN. LBS		4 IN. LBS	1.7 IN. LBS	4 IN. LBS	4 IN. LBS	5 IN-OZ	4 IN. LBS

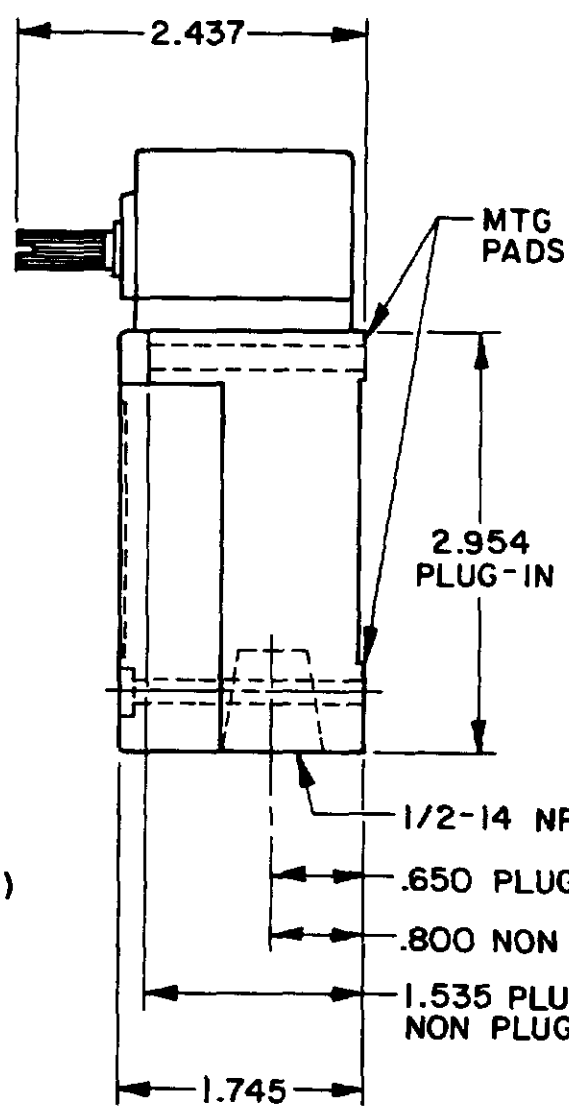
SIDE ROTARY

SINGLE POLE

DOUBLE POLE

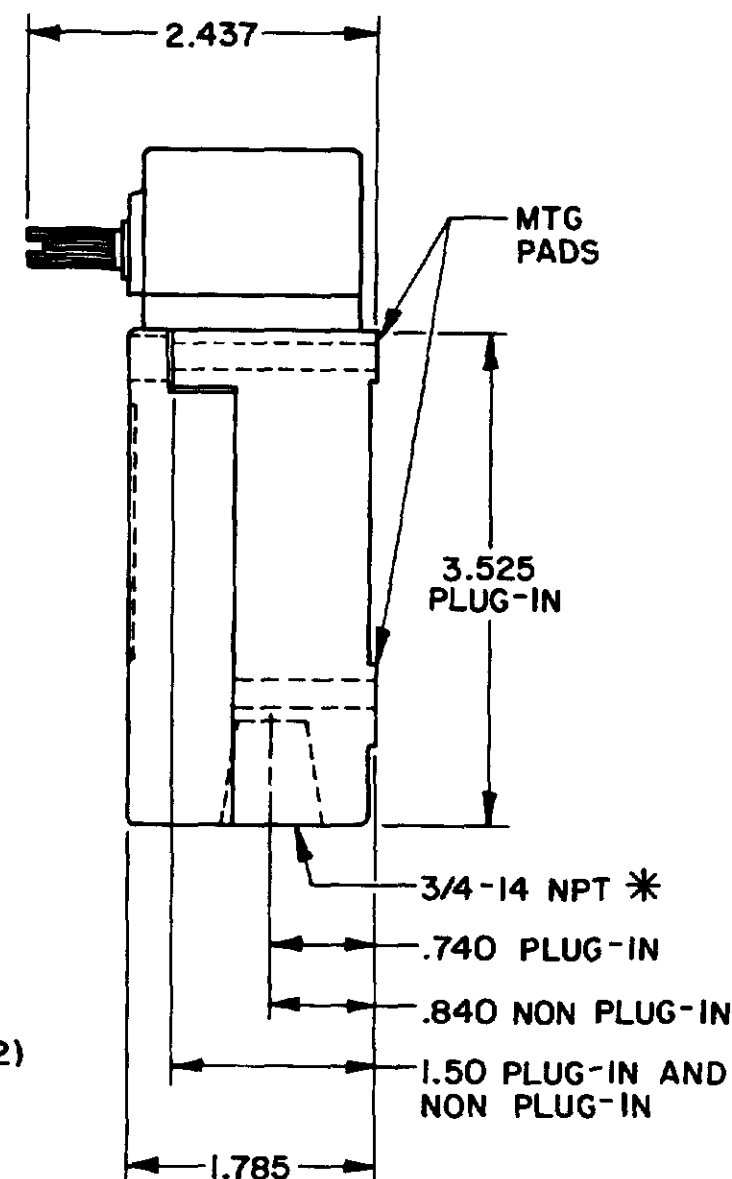
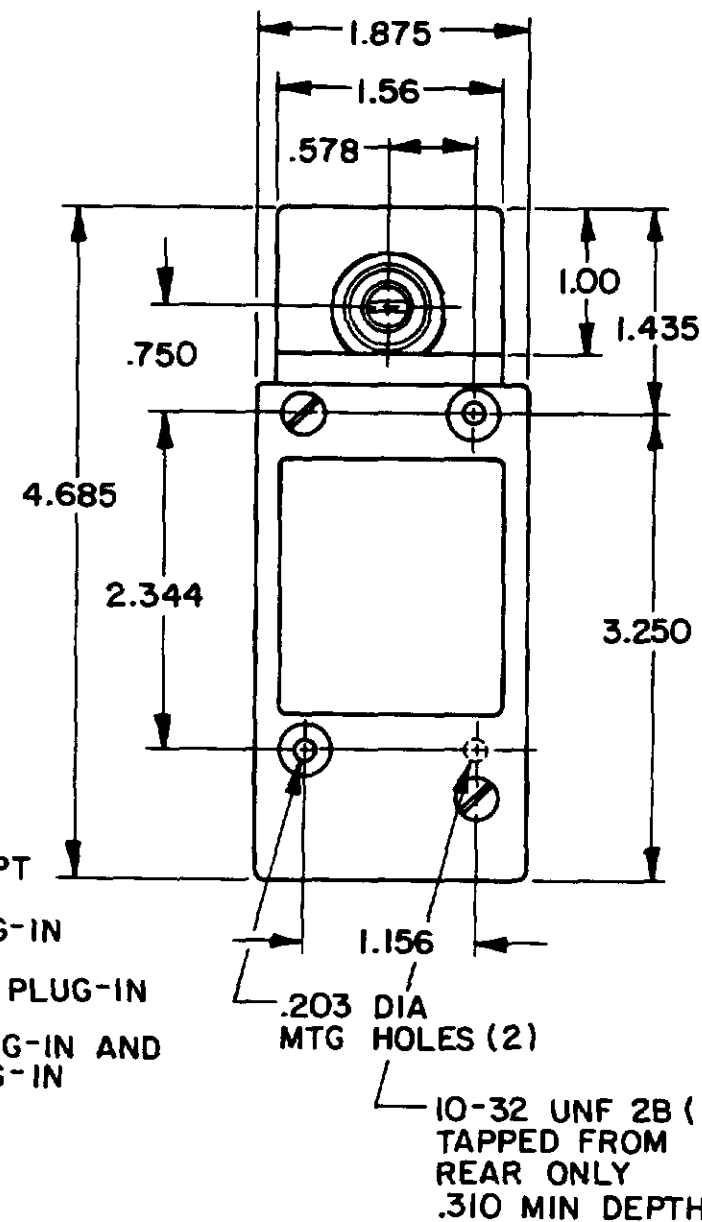


FLOUROSILICONE SEALS: LSYABI, LSYHBI, LSYNBI, LSYBBI, LSYRBI, LSYHB3, LSYPB3, LSYRB3, LSYSB1
VITON: LSYAC1, LSYHCI, LSYNC1, LSYPC1, LSYRC1, LSYAC3, LSYHC3, LSYNC3, LSYPC3, LSYRC3, LSYSC1

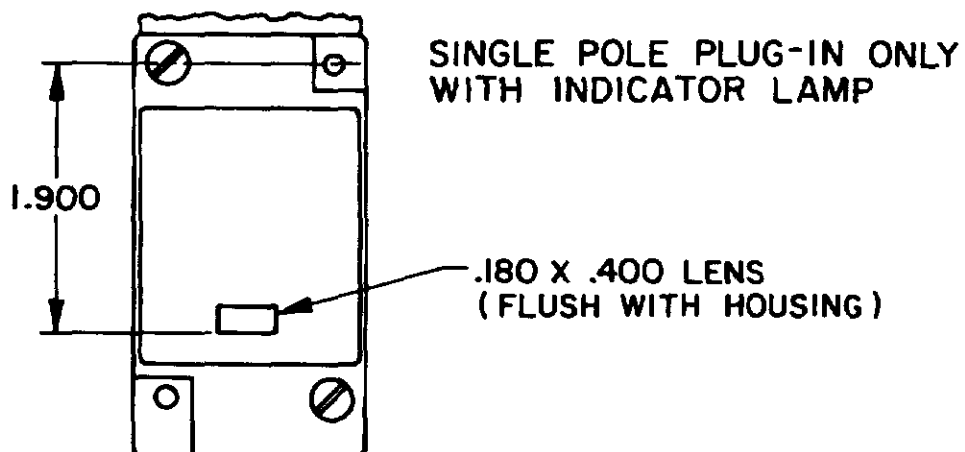


FLOUROSILICONE SEALS: LSYAB2, LSYHB2, LSYMB2, LSYNB2, LSYPB2, LSYRB2, LSYAB4, LSYHB4, LSYMB4, LSYNB4, LSYPB4, LSYRB4

* (LSYAB6, LSYHB6, LSYMB6, LSYNB6, LSYPB6, LSYRB6, LSYAB7, LSYHB7, LSYMB7, LSYNB7, LSYPB7, LSYRB7 HAVE 1/2-14 CONDUIT HOLE)

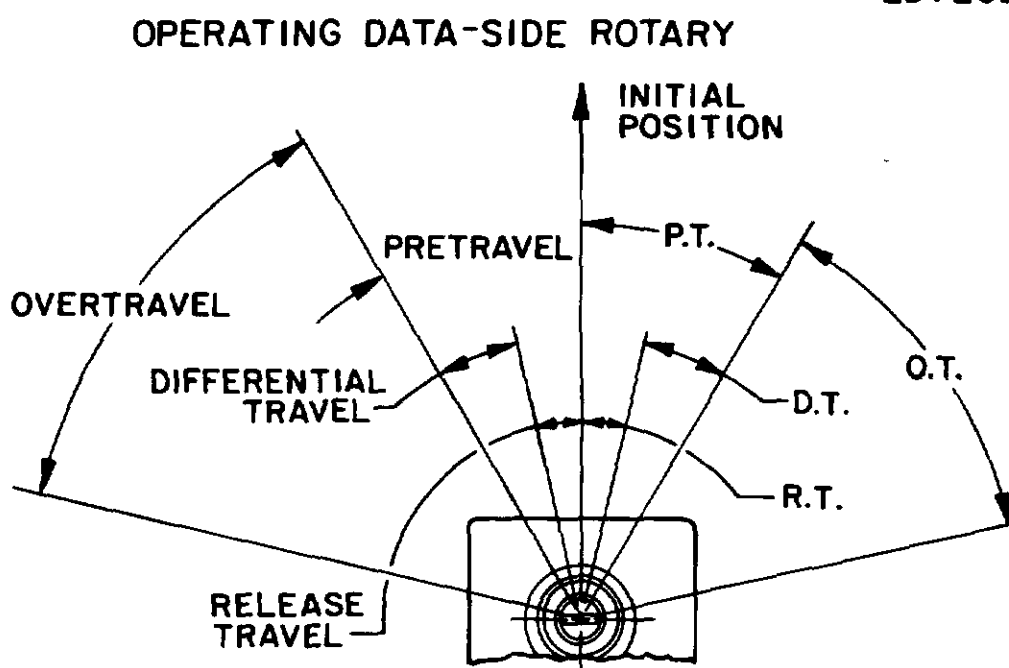


VITON SEALS: LSYAC2, LSYHC2, LSYNC2, LSYPC2, LSYRC2, LSYAC4, LSYHC4, LSYNC4, LSYPC4, LSYRC4, LSYMC2, LSYMC4, LSYMC6, LSYMC7, LSYLC2, LSYLC4, LSYLC6, LSYLC7

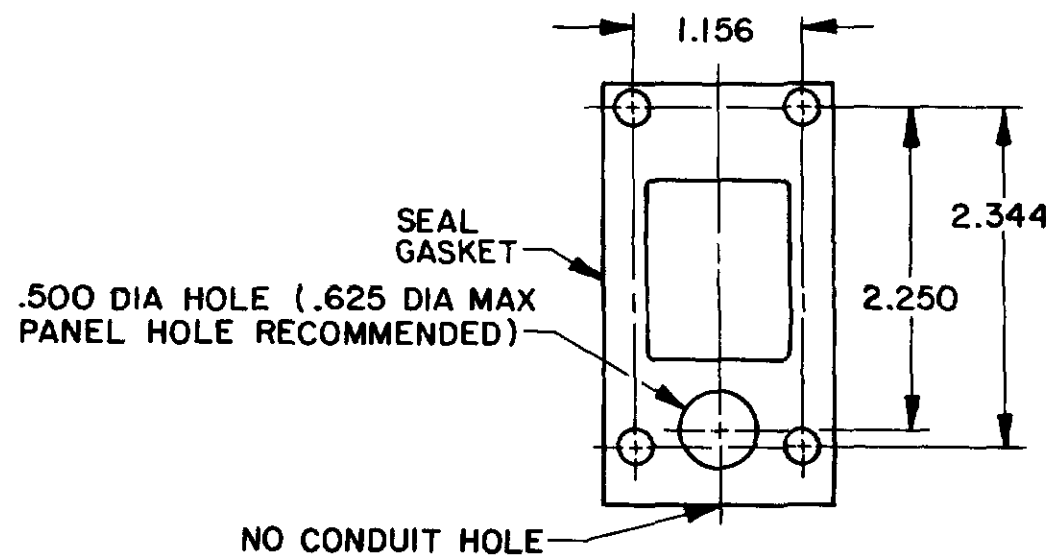


120 LAMP VOLTAGE -
TYPE LSYAB5, LSYHB5, LSYNB5, LSYPB5, LSYRB5, LSYAC5, LSYHC5, LSYNC5, LSYPC5, LSYRC5
240 LAMP VOLTAGE -
TYPE LSYAB8, LSYHB8, LSYNB8, LSYPB8, LSYRB8, LSYAC8, LSYHC8, LSYNC8, LSYPC8, LSYRC8

NOTE
1 - ALL UNITS AVAILABLE WITH
FLUOROSILICONE AND VITON SEALS



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

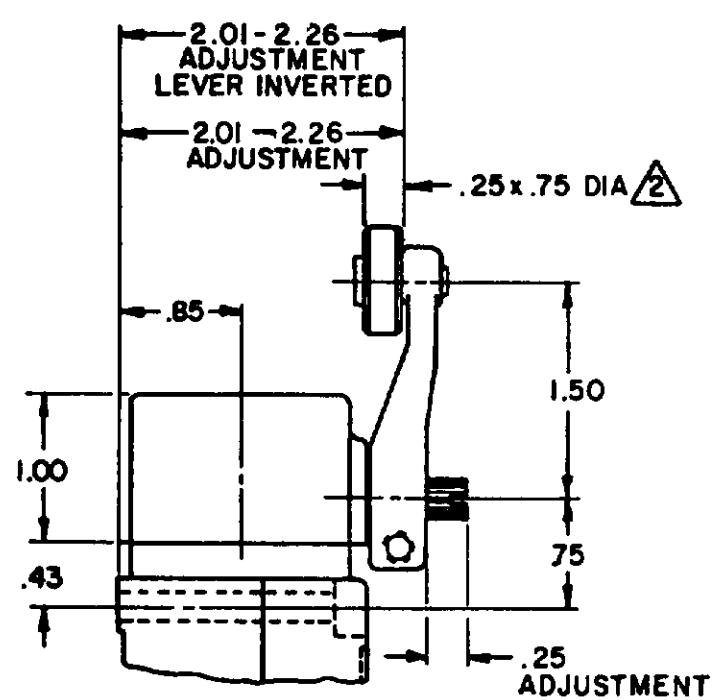
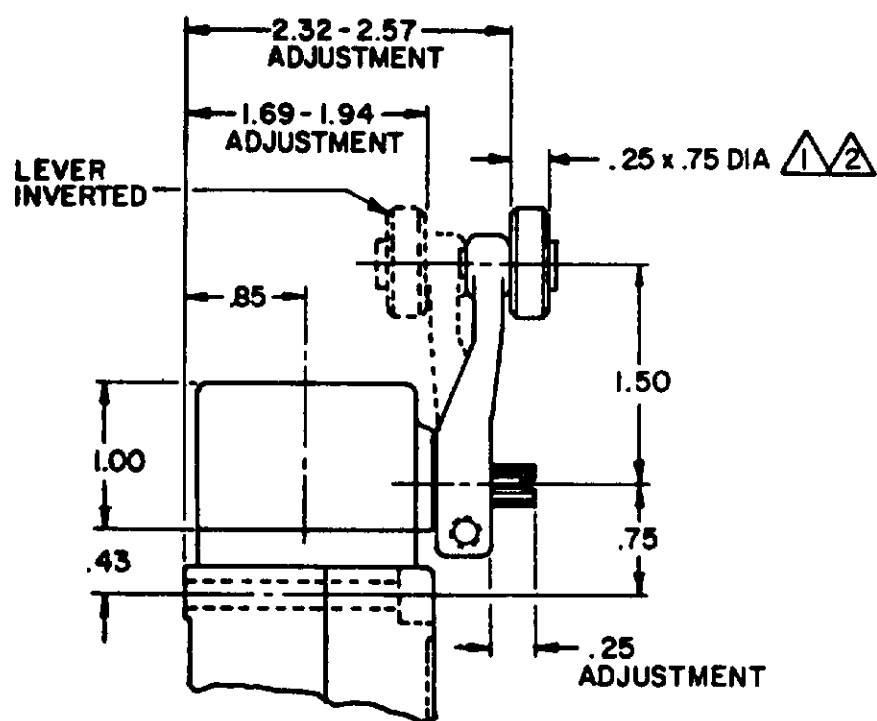


MICRO SWITCH
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A DIVISION OF HONEYWELL
FED. REG. COIL. 51429

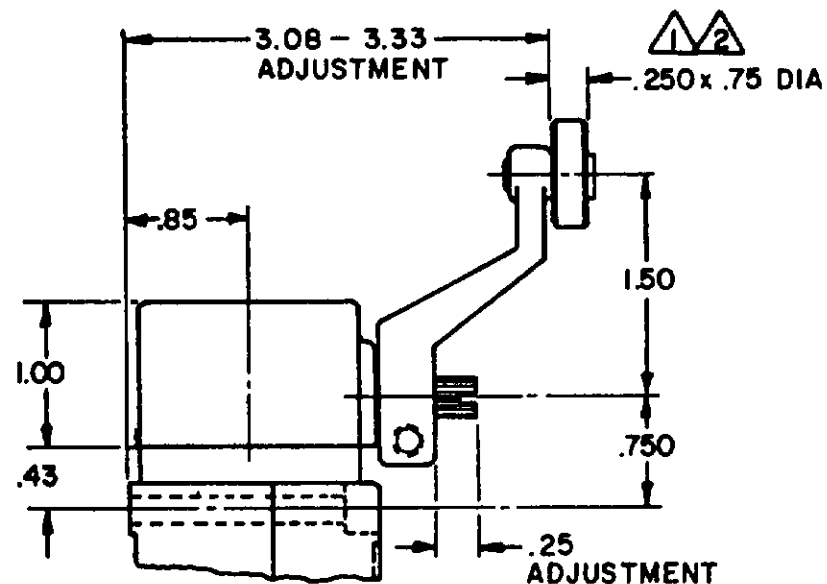
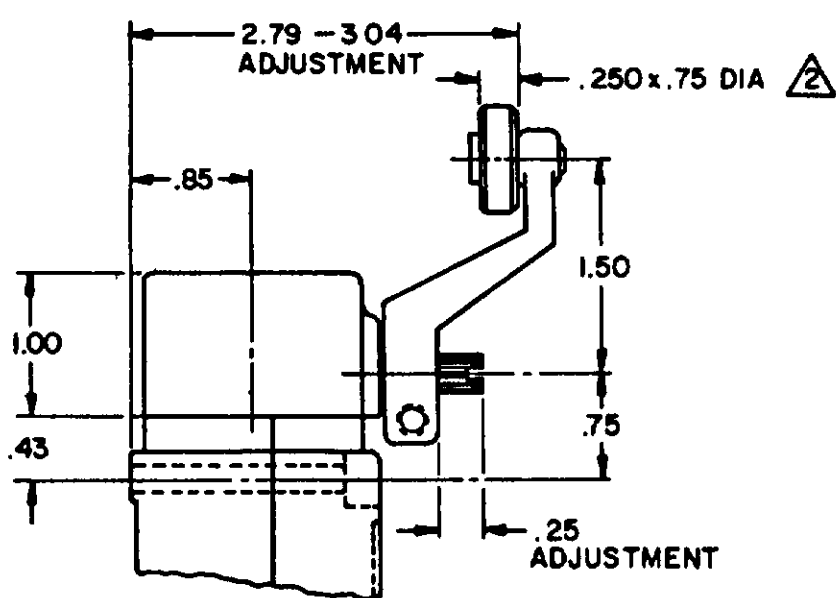
SWITCH-ENCLOSED

LSY SERIES
CATALOG LISTING
CHART 1

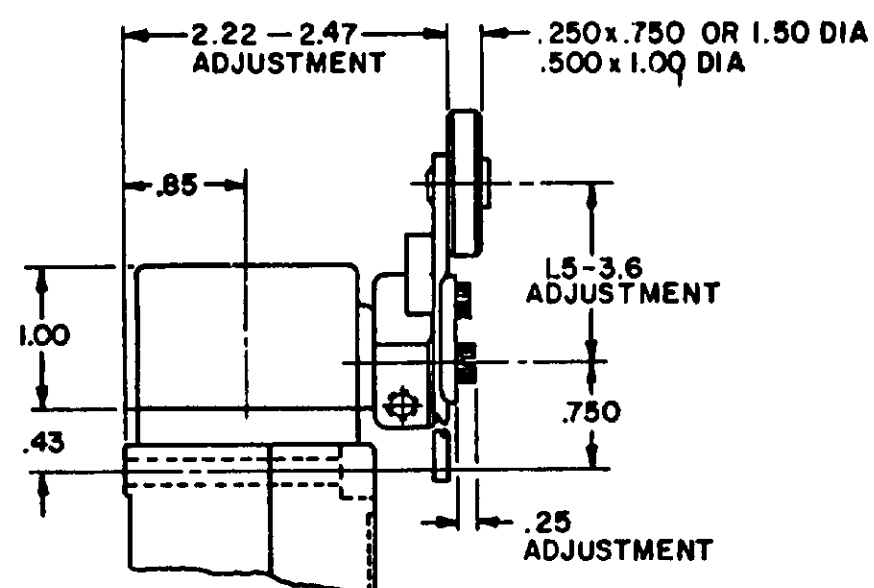
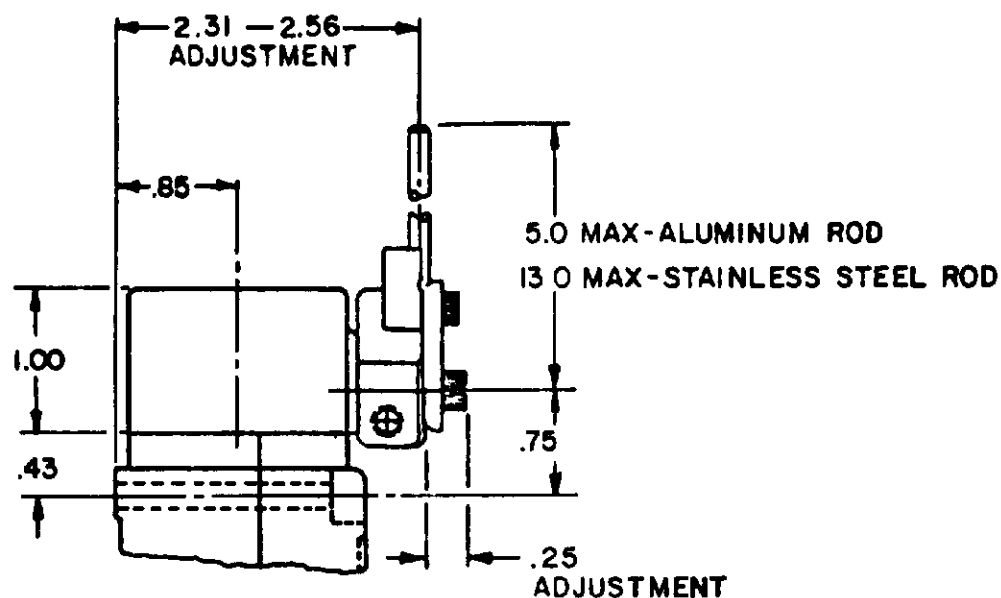
SIDE ROTARY CAM TRACKING



LSZ51 TYPE LEVERS

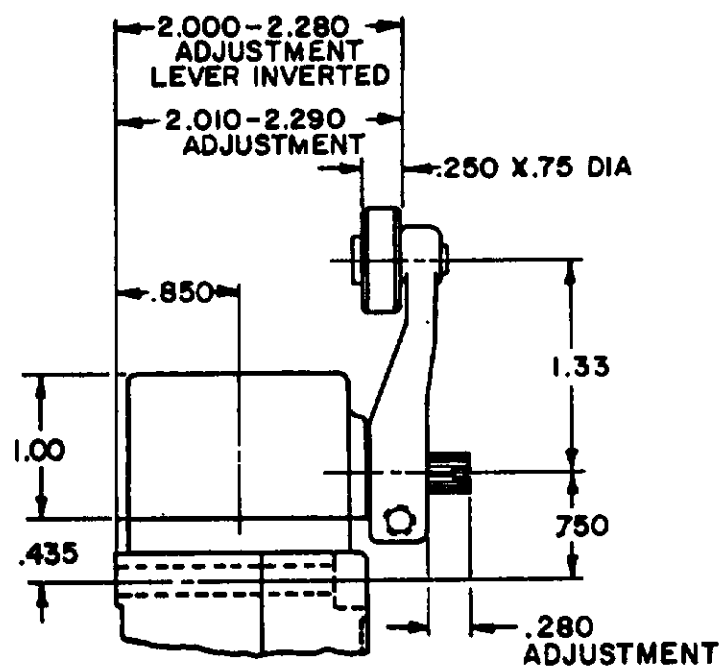
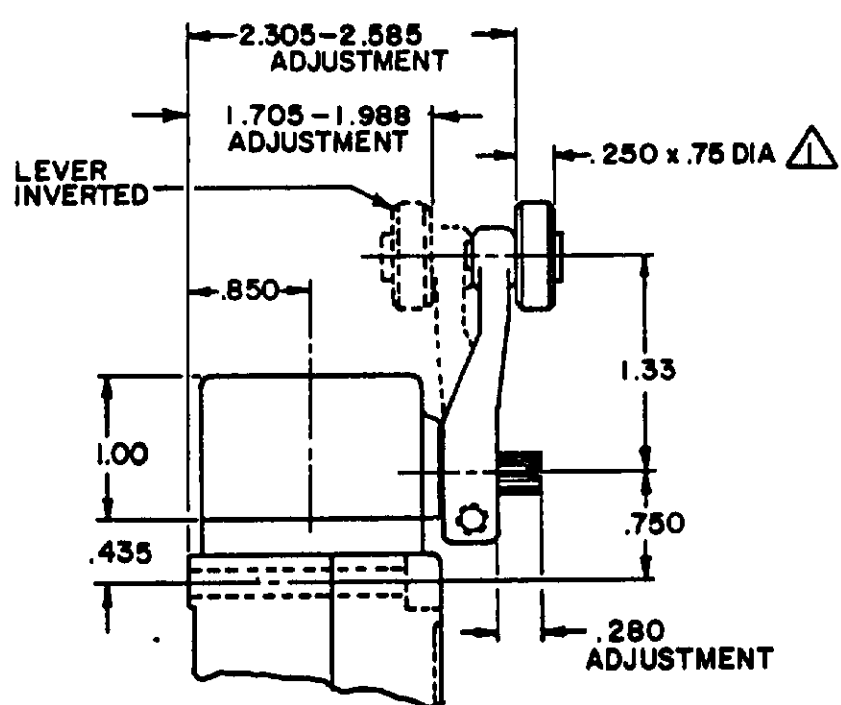


LSZ55 TYPE LEVERS



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

FEEDBACK CODE 31829

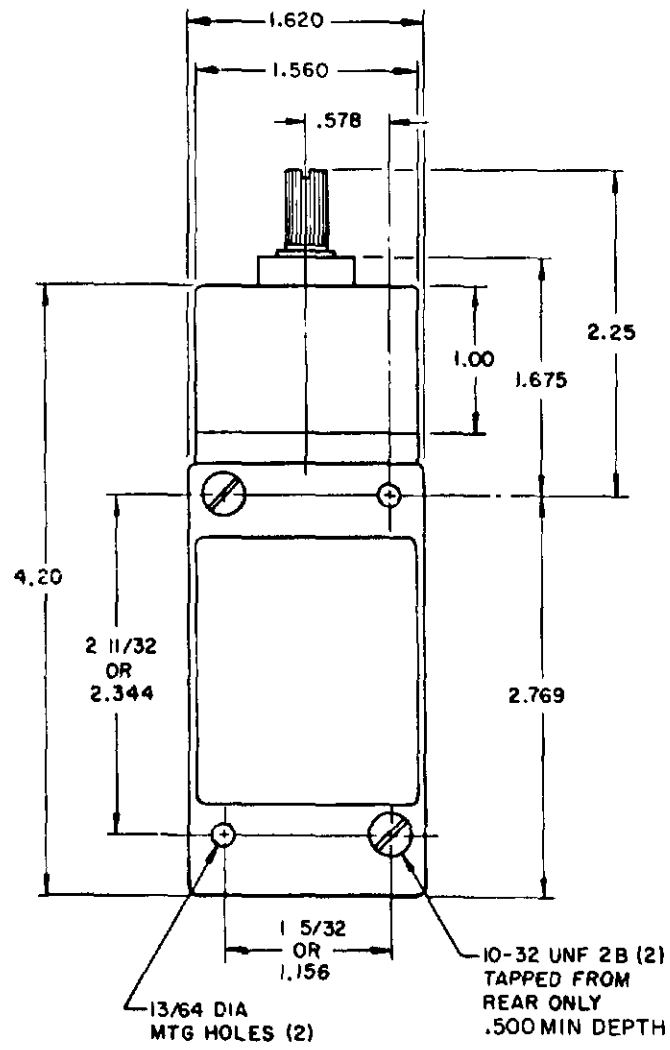
CHART 1

LSY SERIES

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

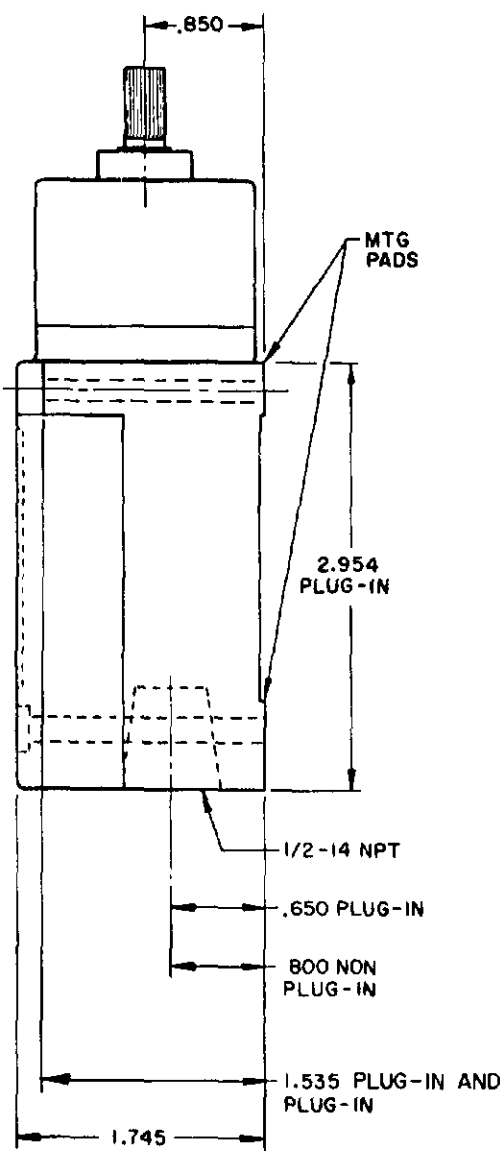
TOP ROTARY

SINGLE POLE

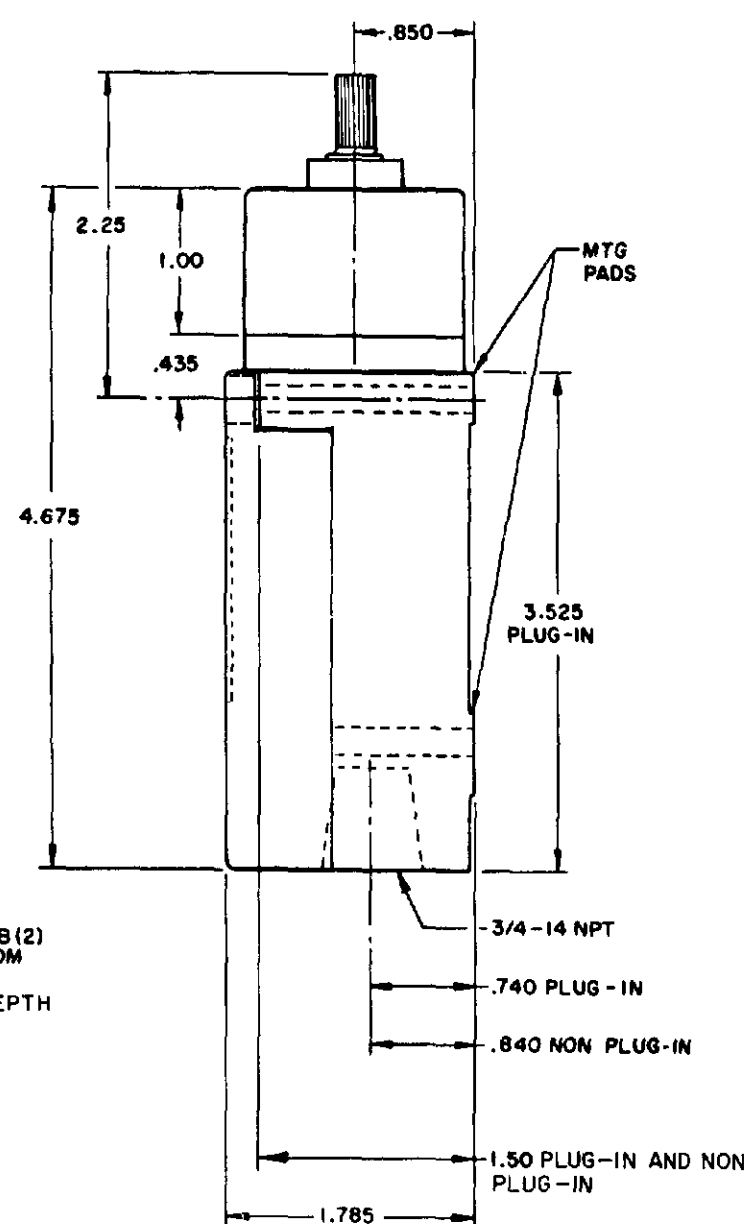
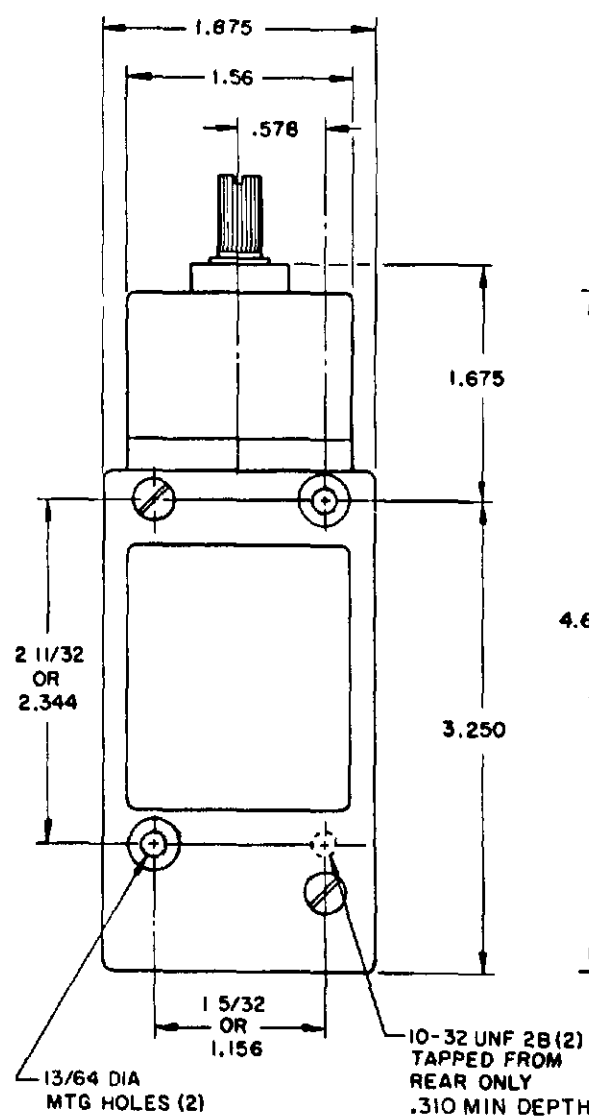


FLOUROSILICONE SEALS
LSYBB1 & LSYBB3

VITON SEALS
LSYBC1 & LSYBC3



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

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. POL.		DOUBL. 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

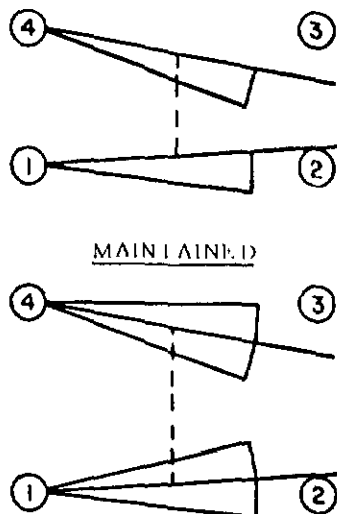
ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT.

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

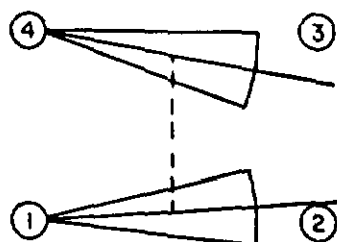
WIRING BASIC SWITCH (SAME POLARITY MUST BE OBSERVED FOR EACH POLE)

SINGLE POLE

MOMENTARY



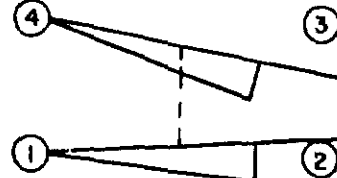
MAINTAINED



SINGLE POLE

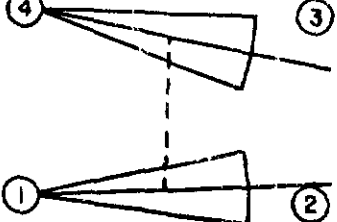
ELECTRONIC DUTY

MOMENTARY



ELECTRONIC DUTY

MAINTAINED

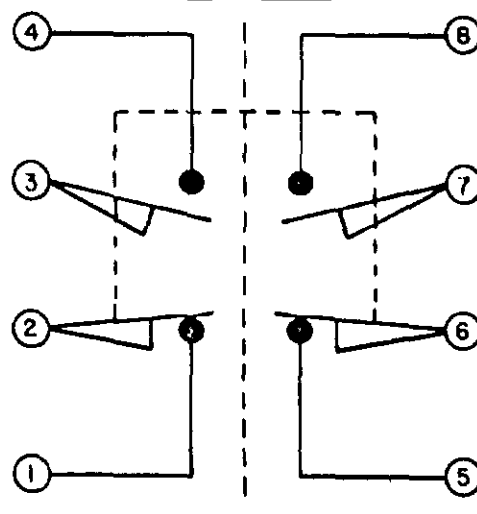


DIRECT ACTING

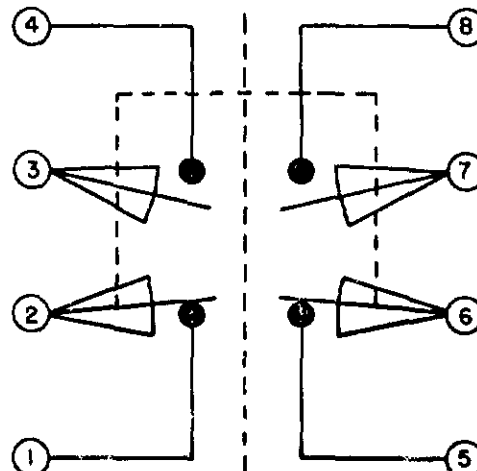


DOUBLE POLE

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

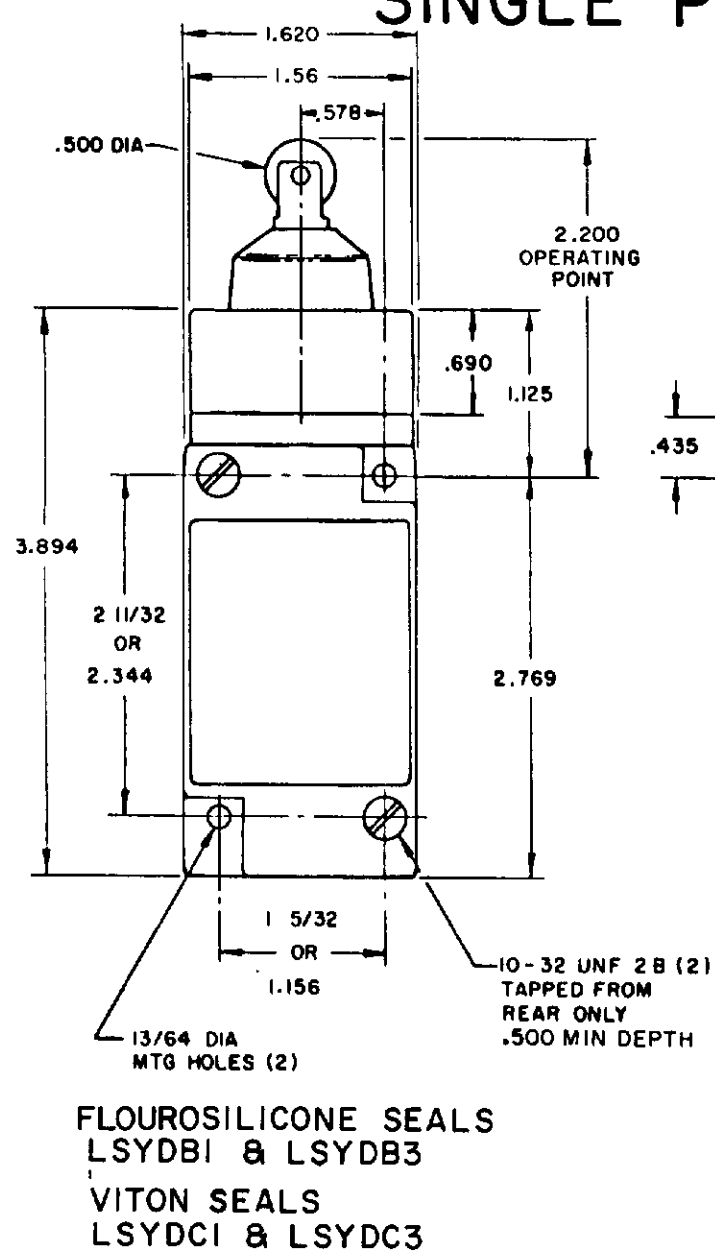
MICRO SWITCH
FREEPORT, L.I., N.Y. U.S.A.
A DIVISION OF HONEYWELL
FID. MFG. CODE 91918

SWITCH - ENCLOSED

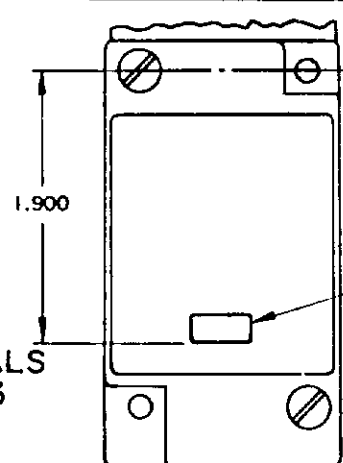
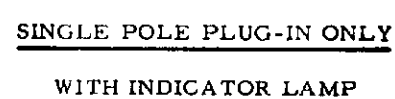
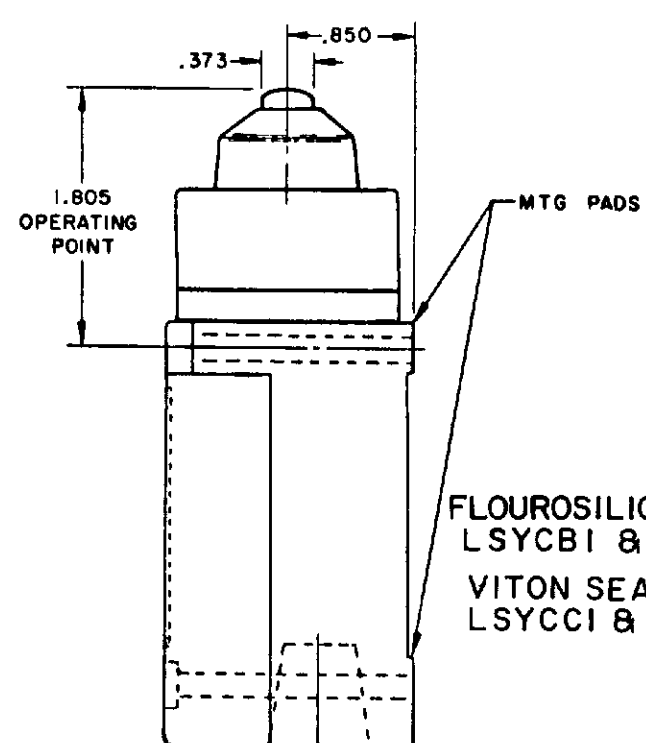
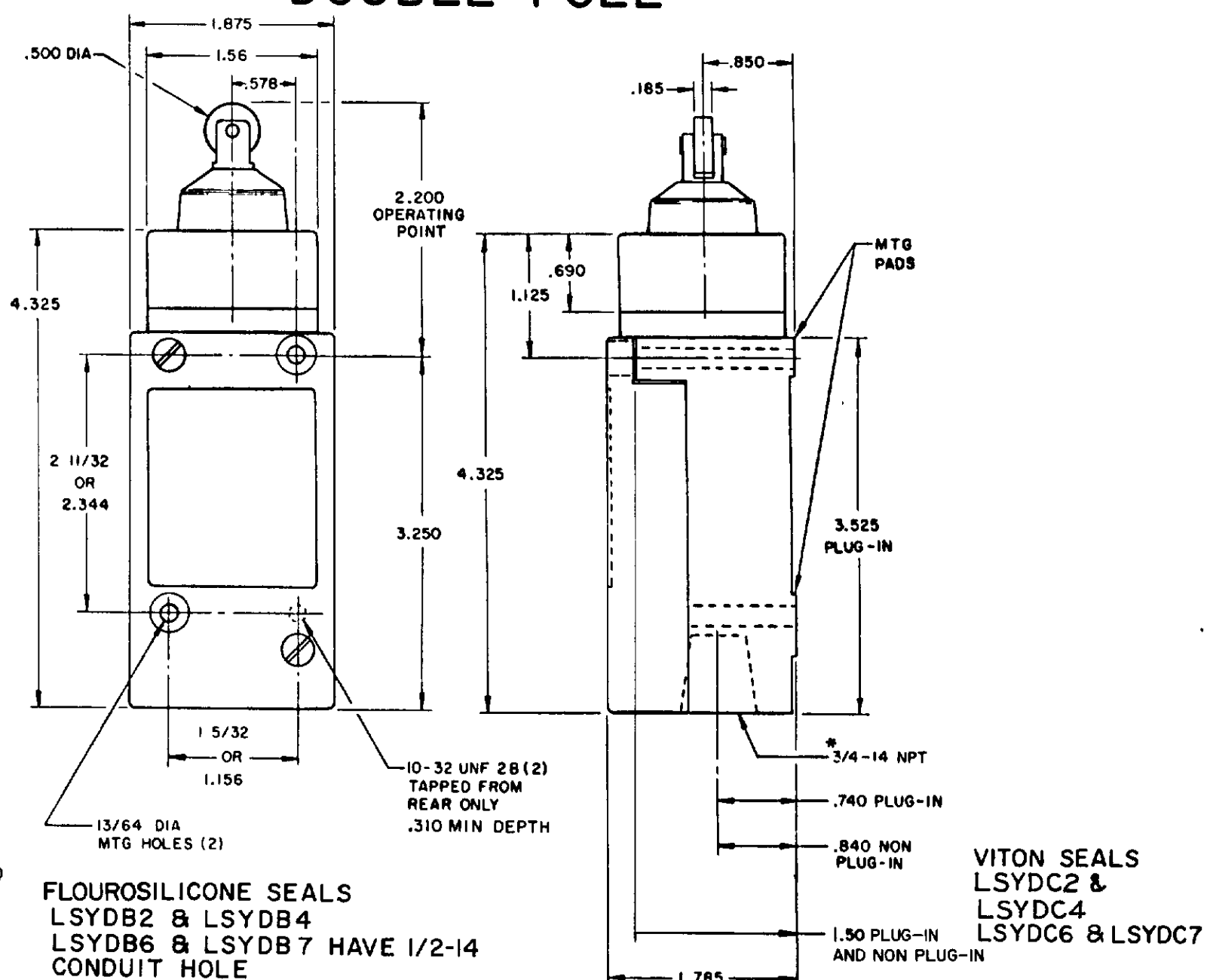
LSY SERIES
CHART 1

PLUNGER TYPE TOP

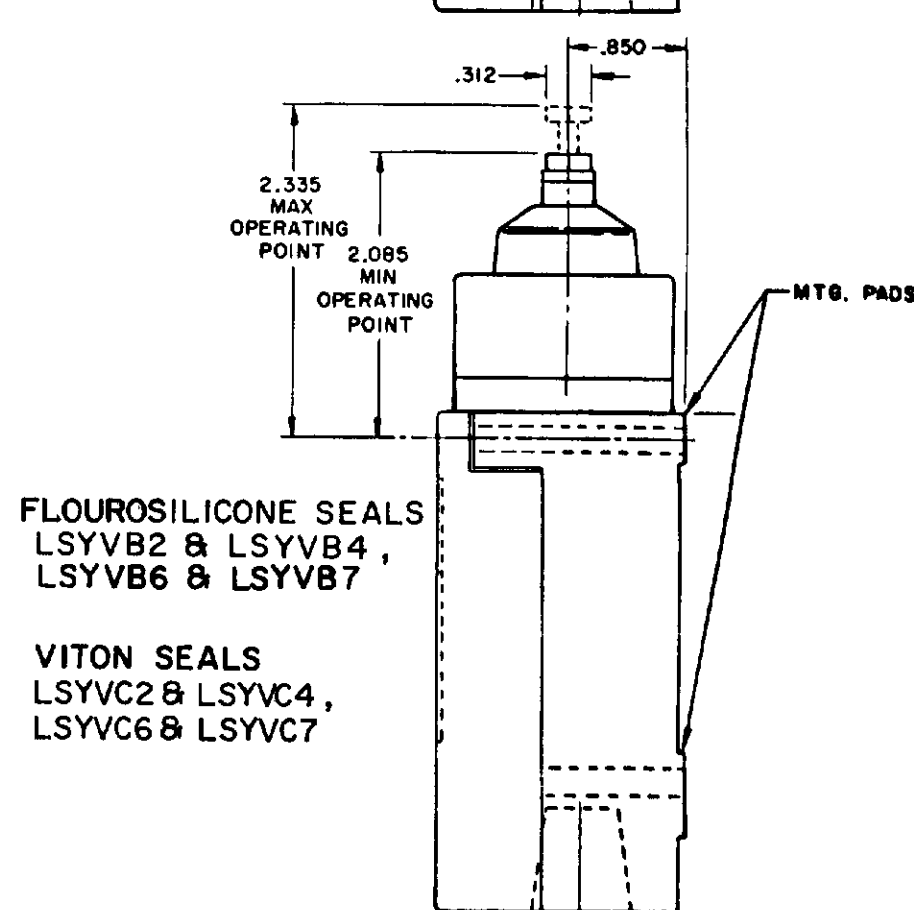
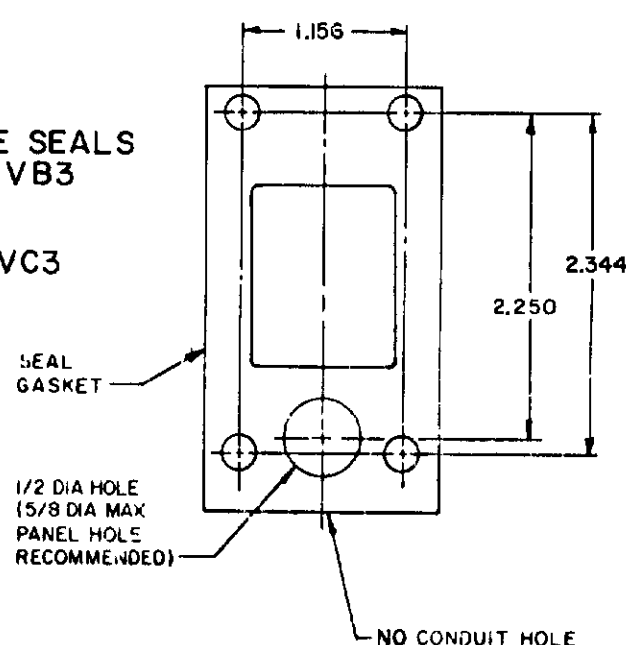
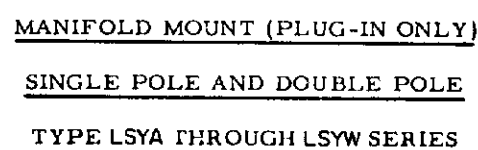
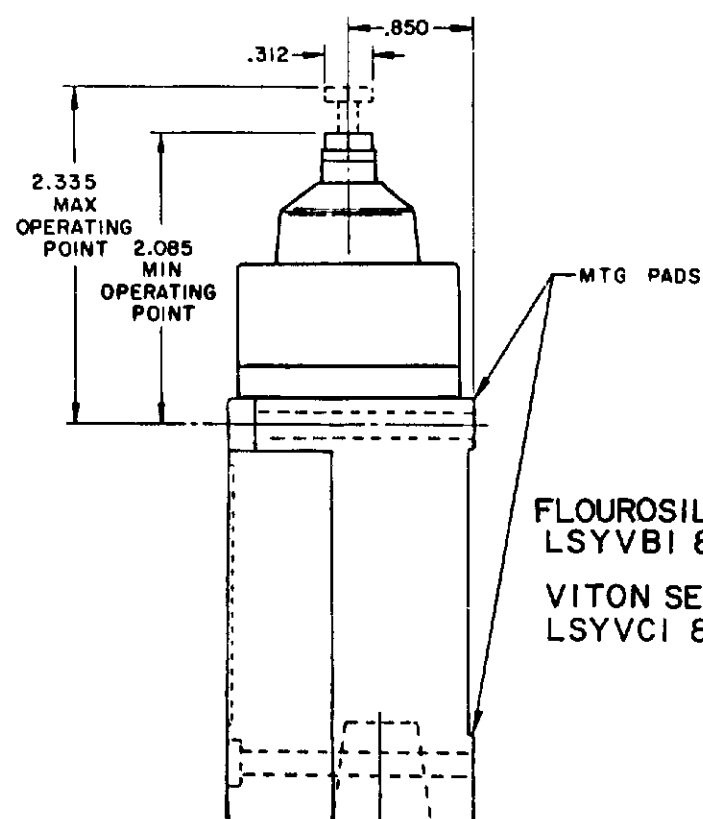
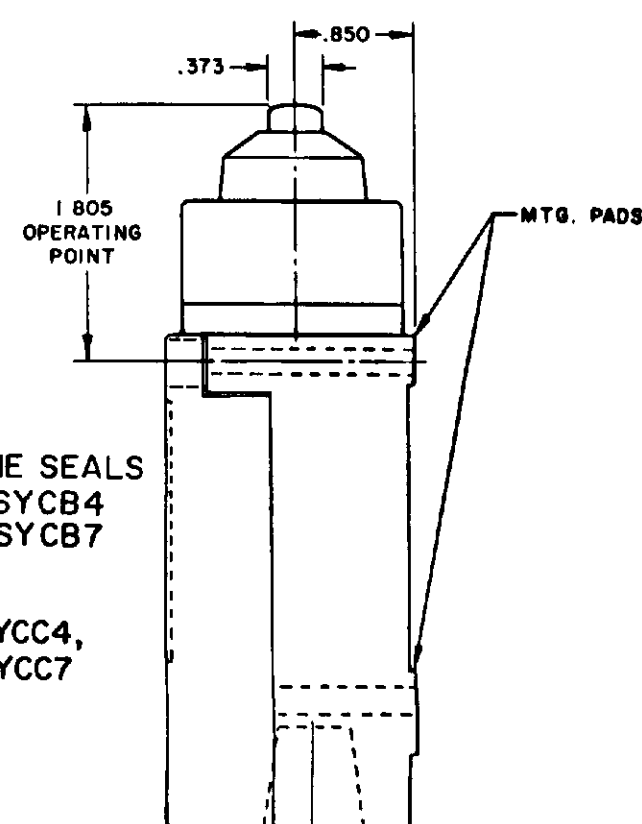
SINGLE POLE



DOUBLE POLE



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



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

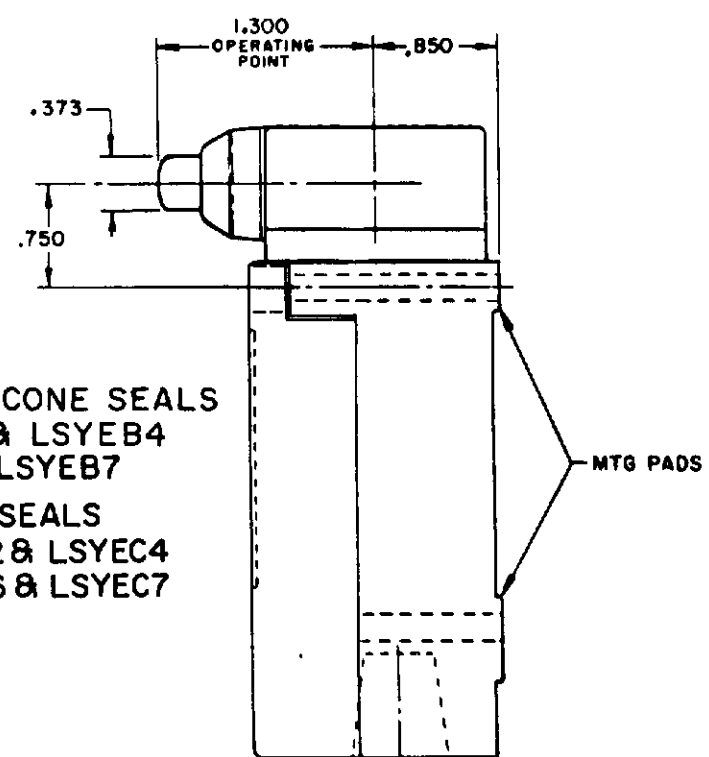
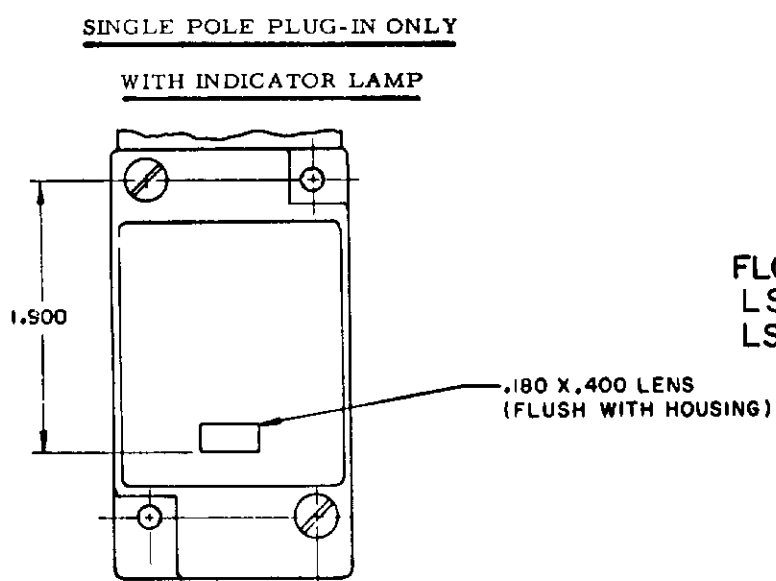
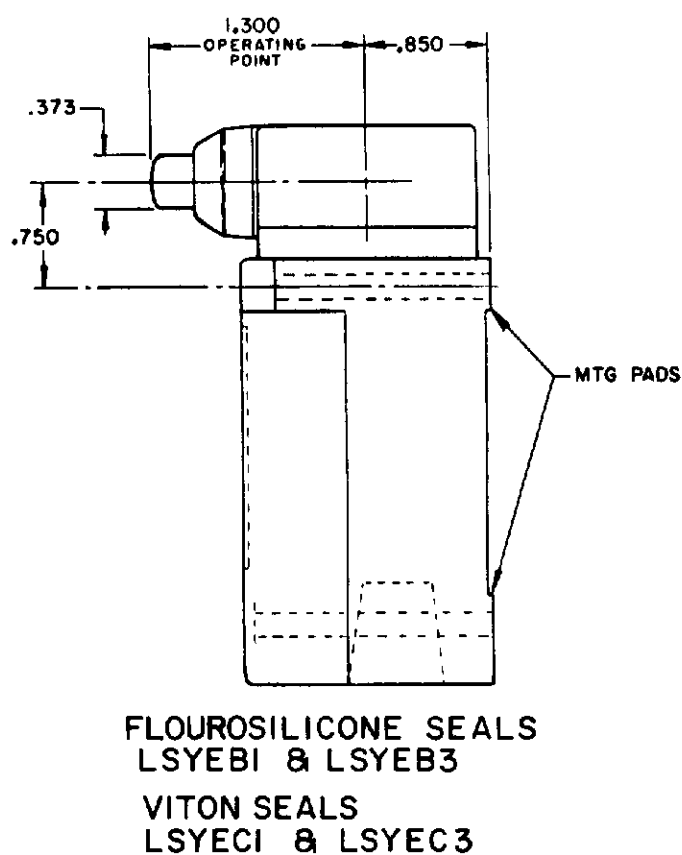
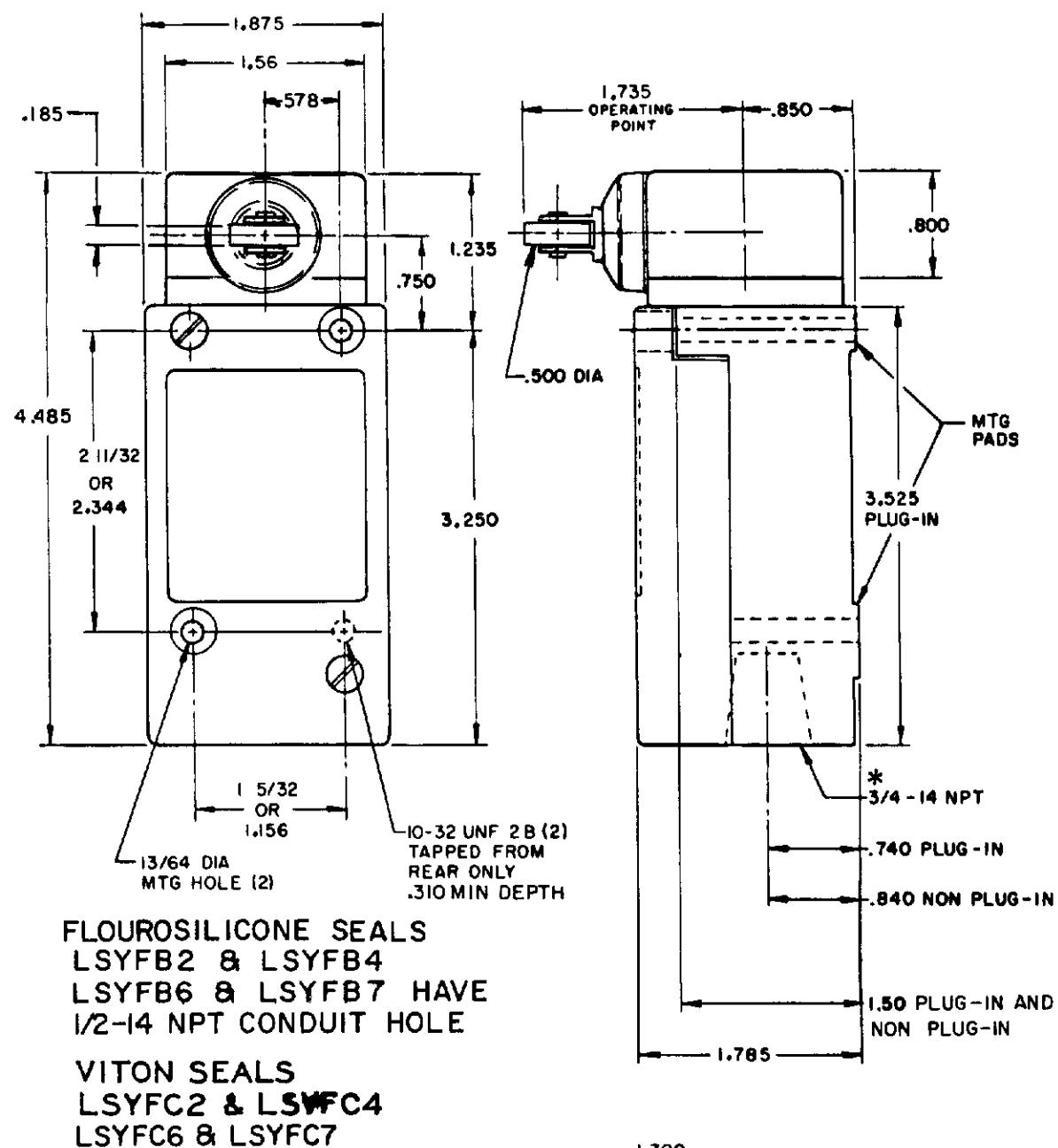
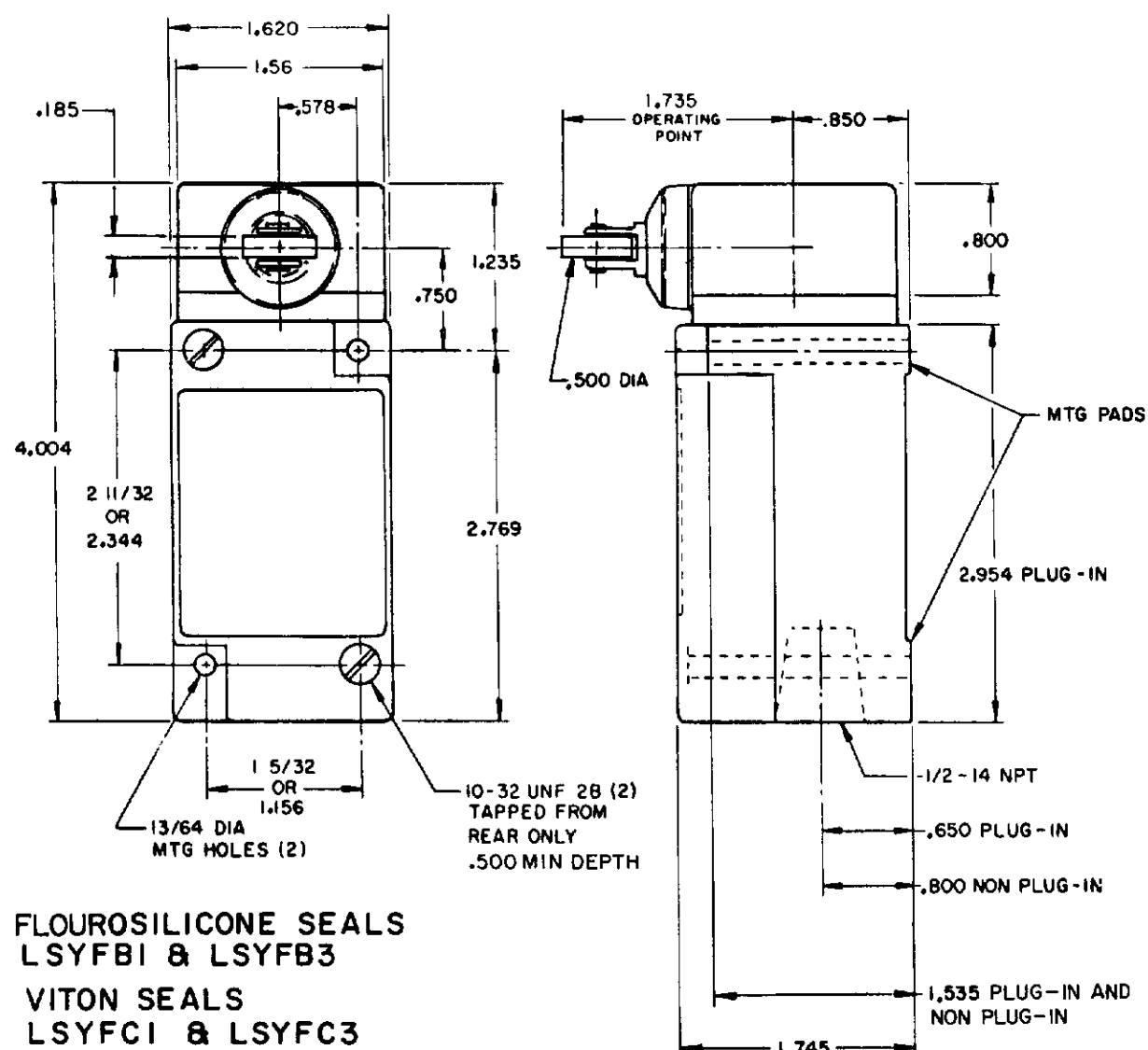
MICRO SWITCH PREPARED BY: L. S. Y. USA A DIVISION OF: HONEYWELL 7410 MICRO SWITCH DRIVE	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.	
	SWITCH - ENCLOSED	CATALOG LISTING LSY SERIES CHART 1

M LSY SERIES CHART
PAGE 4 OF 10

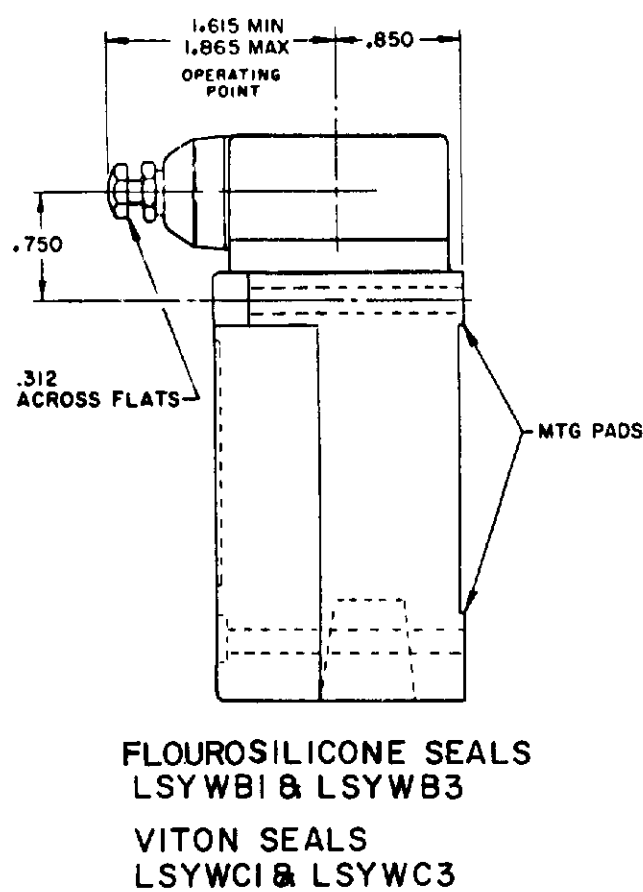
SIDE PLUNGER TYPE

SINGLE POLE

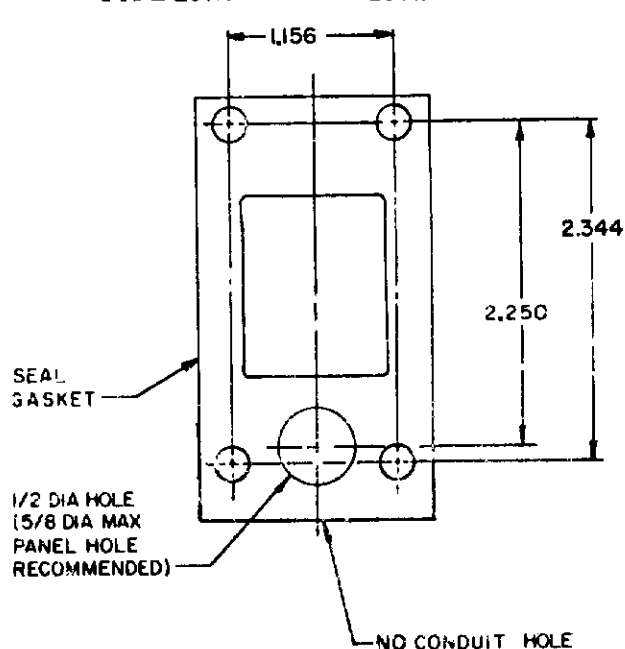
DOUBLE POLE



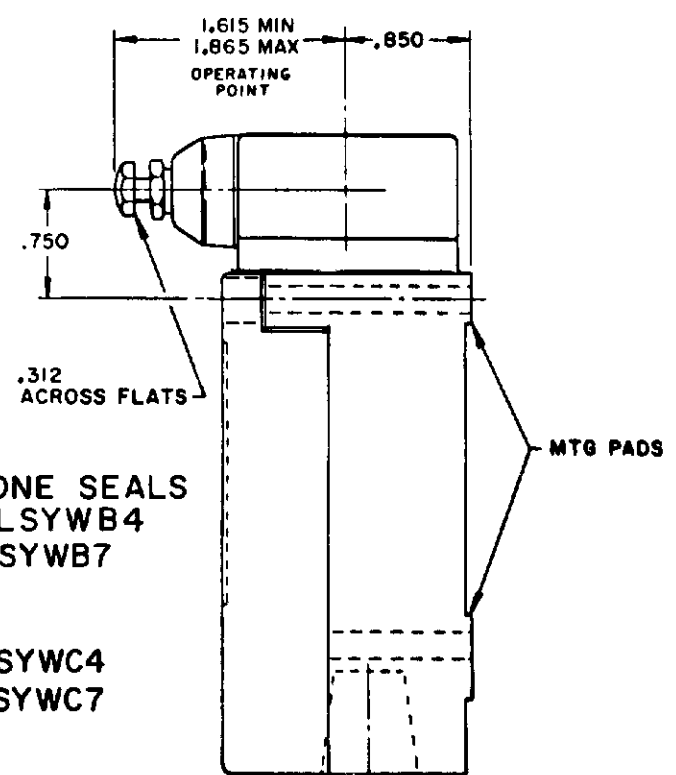
120 LAMP VOLTAGE -
LSYFB5, LSYEB5, LSYWB5
LSYFC5, LSYEC5, LSYWC5
240 LAMP VOLTAGE -
LSYFB8, LSYEB8, LSYWB8
LSYFC8, LSYEC8, LSYWC8



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

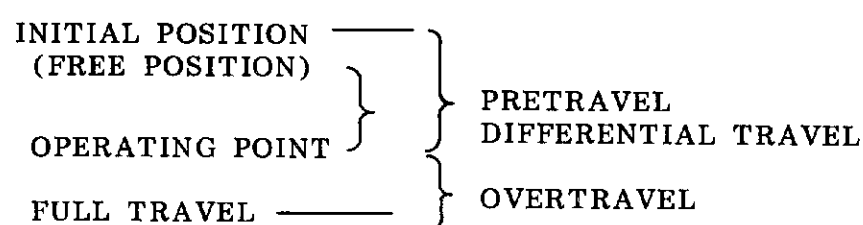


FLOUROSILICONE SEALS
LSYWB2 & LSYWB4
LSYWB6 & LSYWB7
VITON SEALS
LSYWC2 & LSYWC4
LSYWC6 & LSYWC7



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

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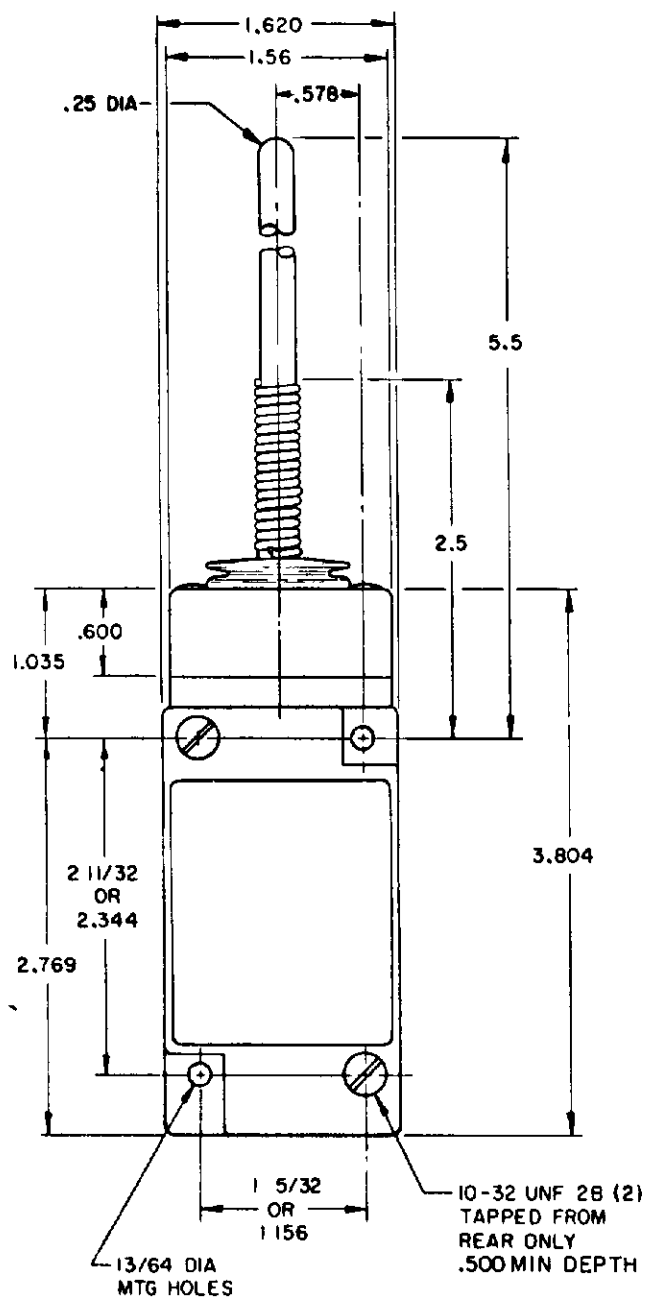
CHARACTERISTICS	LSYE PLUNGER	LSYF ROLLER PLUNGER	LSYW ADJ PLUNGER	LSYG PLUNGER MAINTAINED	SEQUENCE BASIC		
					LSYE	LSYF	LSYW
PRETRAVEL (MAX)	.100	.100	.100	.170	1ST STEP .100 2ND STEP .020 MIN ADD'L		
DIFFERENTIAL TRAVEL (MAX)	.045	.045	.045	.090	.025 EACH STEP		
OVERTRAVEL (MIN)	.190	.190	.190	.080	.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		
FULL OVERTRAVEL FORCE (MAX)	6 LBS	6 LBS	6 LBS	10 LBS	1.310±.030	1.745±.040	1.625 MIN / 1.875 MAX

TIME

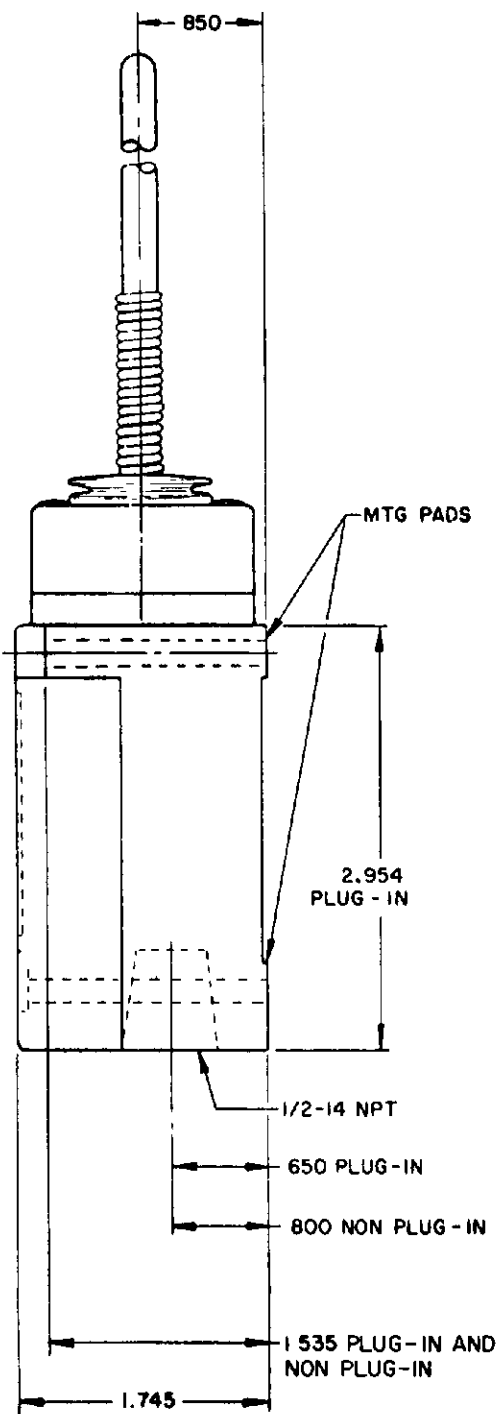
WOBBLE STICK

SINGLE POLE

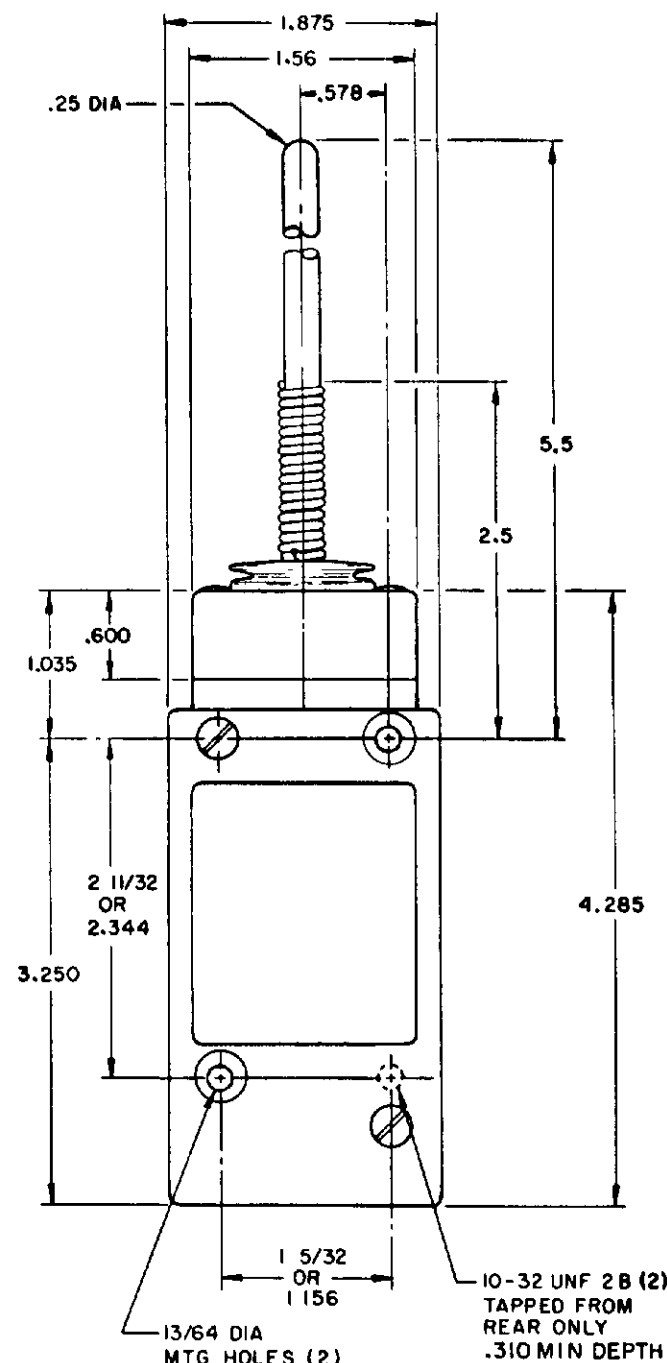
DOUBLE POLE



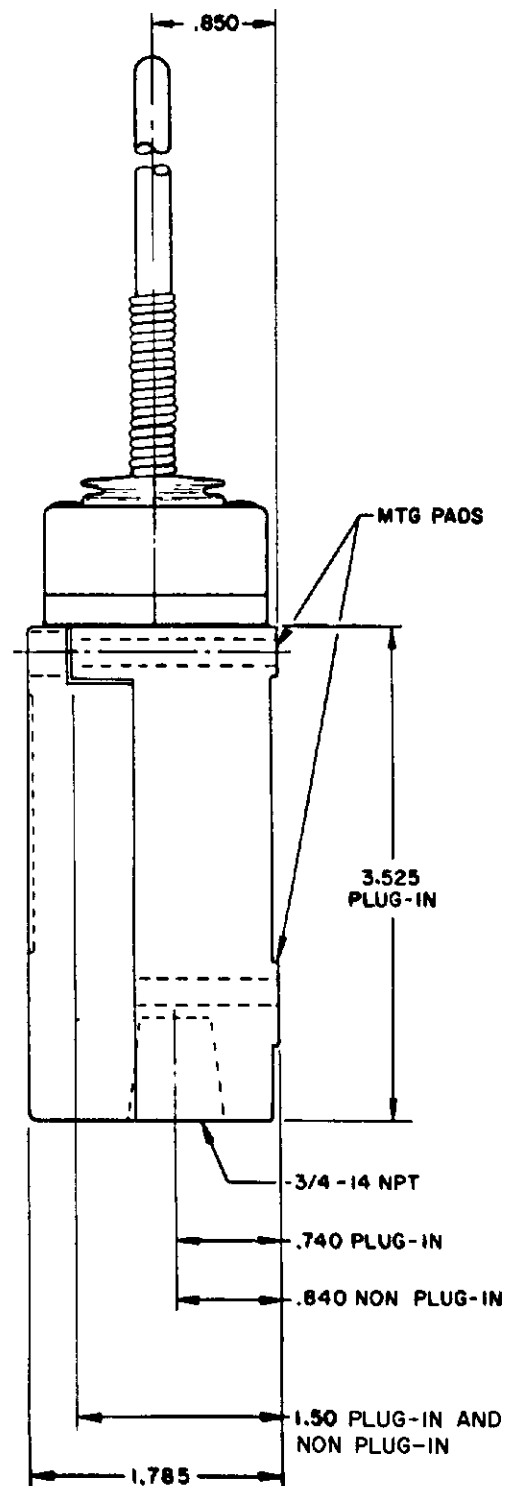
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



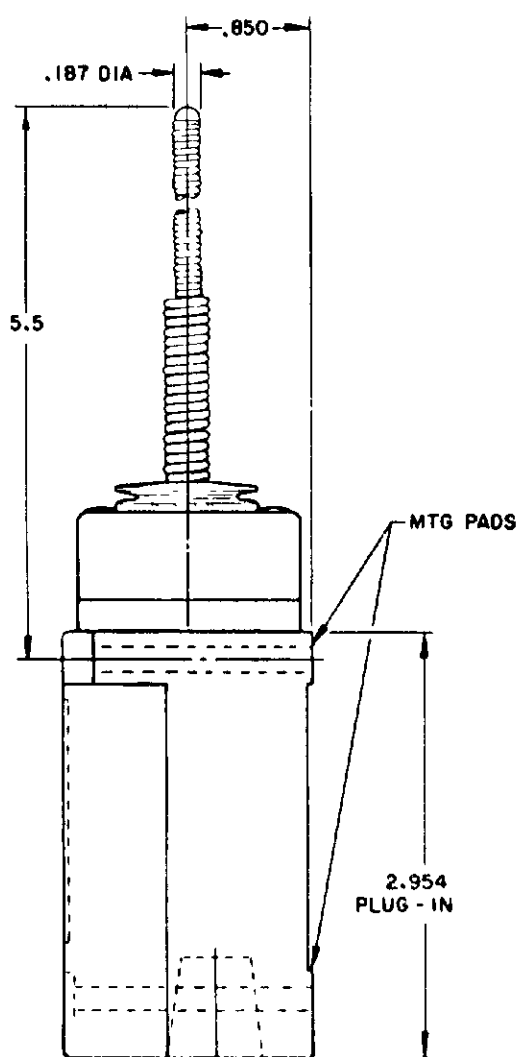
**REPLACEMENT ACTUATOR
LSZ 4009**



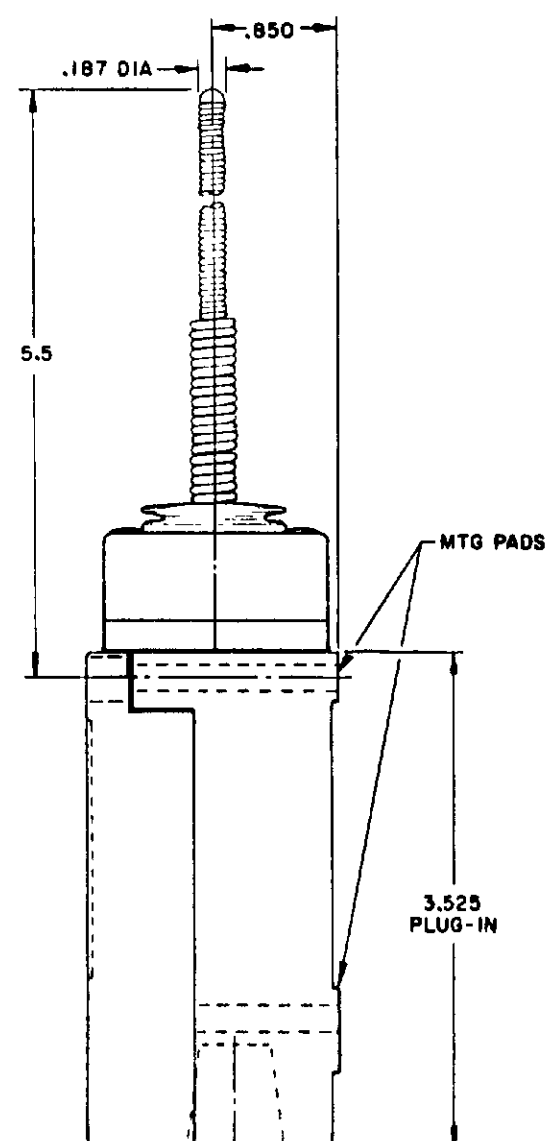
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



**REPLACEMENT ACTUATOR
LSZ 4011**

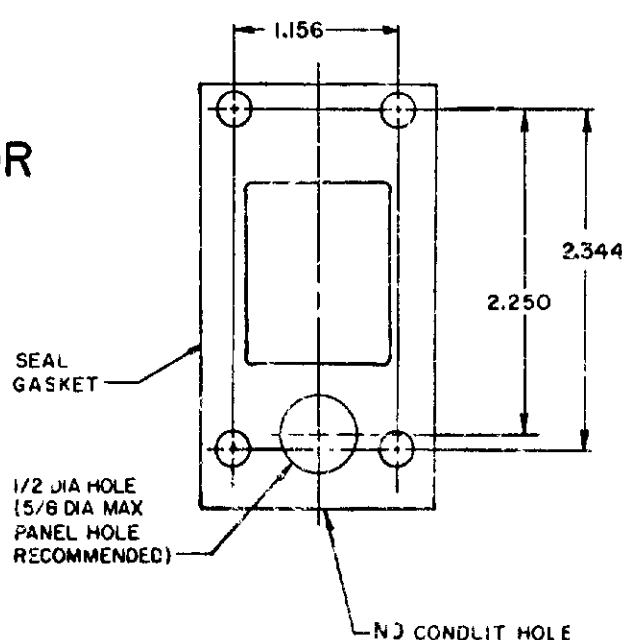


**CABLE EXTENSION
TYPE 7N ACTUATOR**



**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
FLUOROSILICONE AND VITON SEALS

MICRO SWITCH
FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

SWITCH-ENCLOSED

CHART 1

LSY SERIES

SCALE NONE
DO NOT SCALE PRINT

Technical drawing of a mechanical assembly. The drawing shows a vertical assembly with a central shaft. The shaft has a diameter of .850. A spring is mounted on the shaft. The total height of the assembly is 13.0. The height of the spring is 2.63. The shaft is labeled .075 DIA. The assembly is mounted on a base with MTG PADS.

1.900

180 X 400 LENS
(FLUSH WITH HOUSING)

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

FLOUROSILICONE SEALS
LSYJBI & LSYJB3

VITON SEALS
LSYJC1 & LSYJC3

CAT WHISKER

[illegible]

WIRE EXTENSION

*TYPE 8A ACTUATOR 5.5 IN.
TYPE 8B ACTUATOR 7.5 IN.
TYPE 8C COIL ACTUATOR 5.5 IN

Technical drawing of a mechanical assembly, likely a valve or actuator component, showing a vertical shaft assembly.

Key dimensions and features:

- Overall height dimension: 2.56
- Top section height dimension: .850
- Wire diameter dimension: .047 DIA
- Feature labels: SEALS, YKB4, YKB7, NPT, LE, MTG PADS
- A dimension line with an asterisk (*) indicates a distance from the top of the shaft to the top of the seal assembly.

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	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.
A DIVISION OF HONEYWELL
FED REG CODE 91919

SWITCH-ENCLOSED

CHART 1

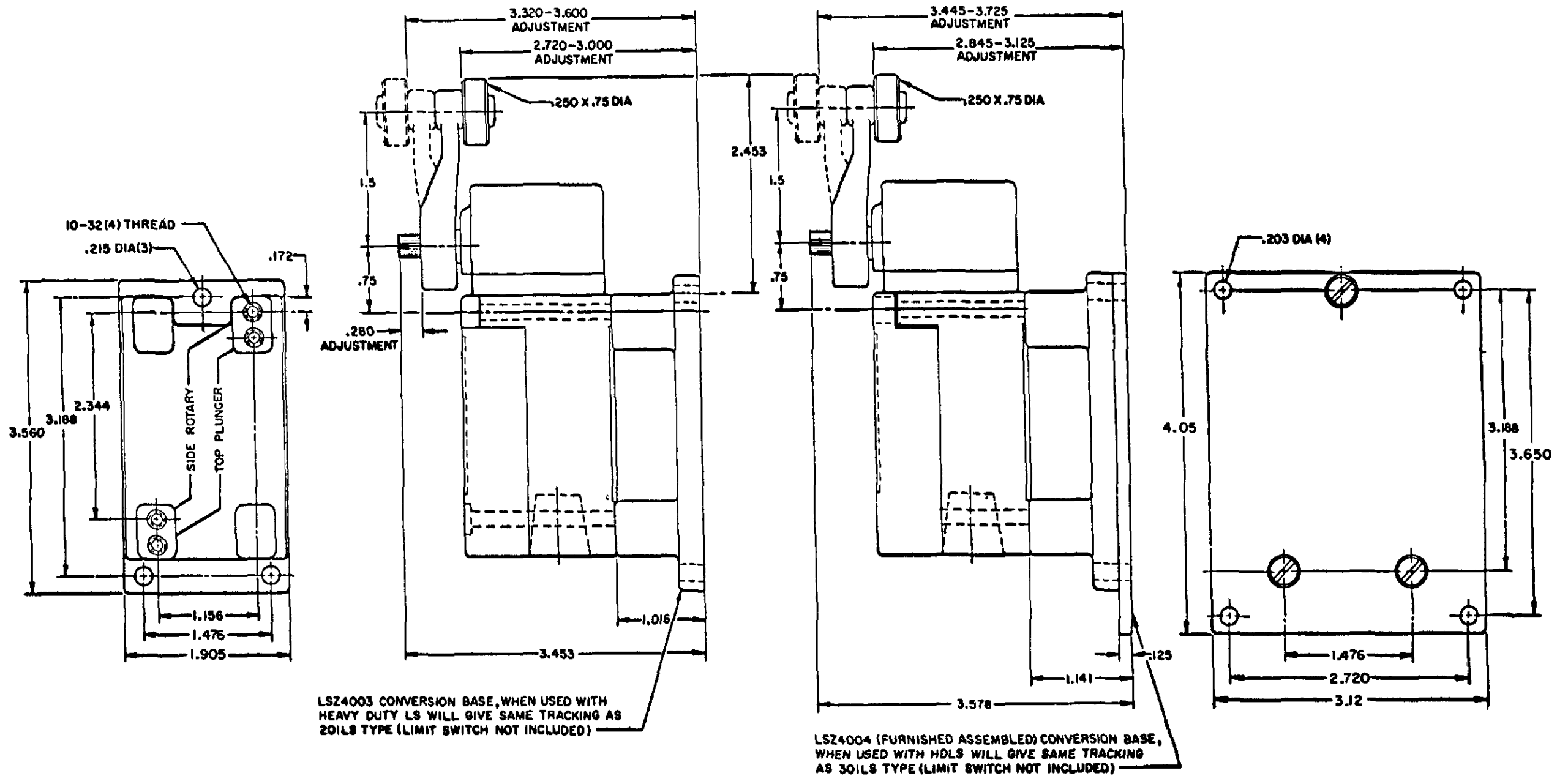
LSY SERIES

SCALE NONE
DO NOT SCALE PRINT

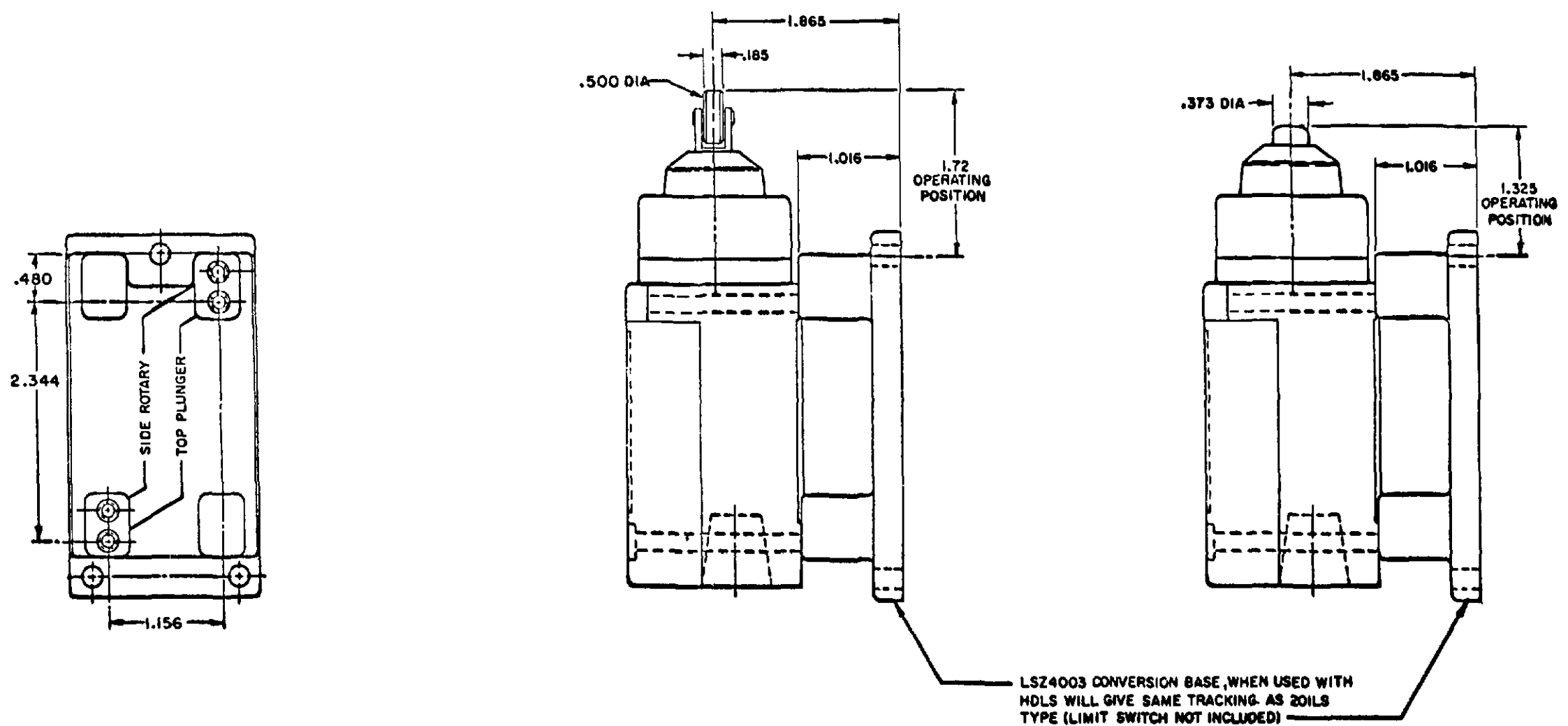
CONVERSION BASES

SINGLE POLE
(SIDE ROTARY)
LSZ 4003

DOUBLE POLE
(SIDE ROTARY)
LSZ4004



SINGLE POLE
TOP PLUNGER
LSZ4003



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MICRO SWITCH
A DIVISION OF HONEYWELL
FID. MFG. CODE 9188

SWITCH - ENCLOSED

LSY SERIES
CATALOG LISTING
CHART 1

SCALE FULL
DO NOT SCALE PRINT

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

ALL HEAD TYPES WITH SEALS OF		CELLULUBE																											
		DETERGENT																											
FLUOR- SILICONE		5 STAR																											
		ASTM #1																											
VITON		ASTM #2																											
		ASTM #3																											
		ASTM #4																											
		HOUGHTON SAFE 271																											
		HOUGHTON SAFE 260																											
		1010, 1055, 1120																											
		MINERAL OIL																											
		PETR. OIL CRUDE																											
		SILICON GR & OIL																											
		SUNSAFE																											
		BEER																											
		STODDARD SOLV.																											
		CHLORINATED SOLVENTS																											
		CITRIC ACID																											
		DI-ESTER SYN. LUBRICANTS																											
		OZONE																											
		PYDRAU:																											
		PYROGUARD																											
		PETRO. BASE HYDRAULIC OIL																											
		LARD OIL																											
		SILICATE ESTERS																											

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

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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