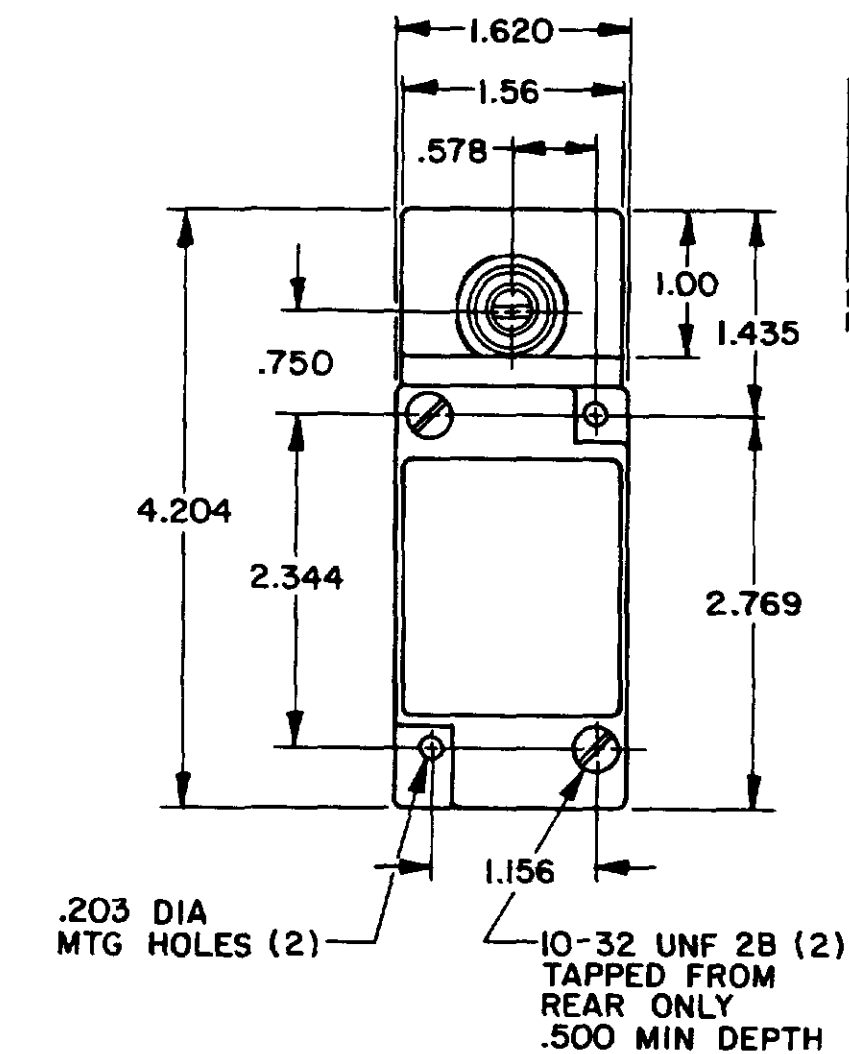


OPERATING CHARACTERISTICS	LSYA MOMENTARY	LSYR MOMENTARY LOW TORQUE	LSYN MAINTAINED	LSYP MOMENTARY LOW PRETRAVEL AND DIFF. TRAVEL	LSYH MOMENTARY LOW PRETRAVEL AND LOW TORQUE	LSYL SEQUENCE DOUBLE POLE ONLY	LSYM CENTER NEUTRAL DOUBLE POLE ONLY	LSYS GRAVITY RETURN	LSYU LOW PRETRAVEL
PRETRAVEL(MAX)	15°	15°	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

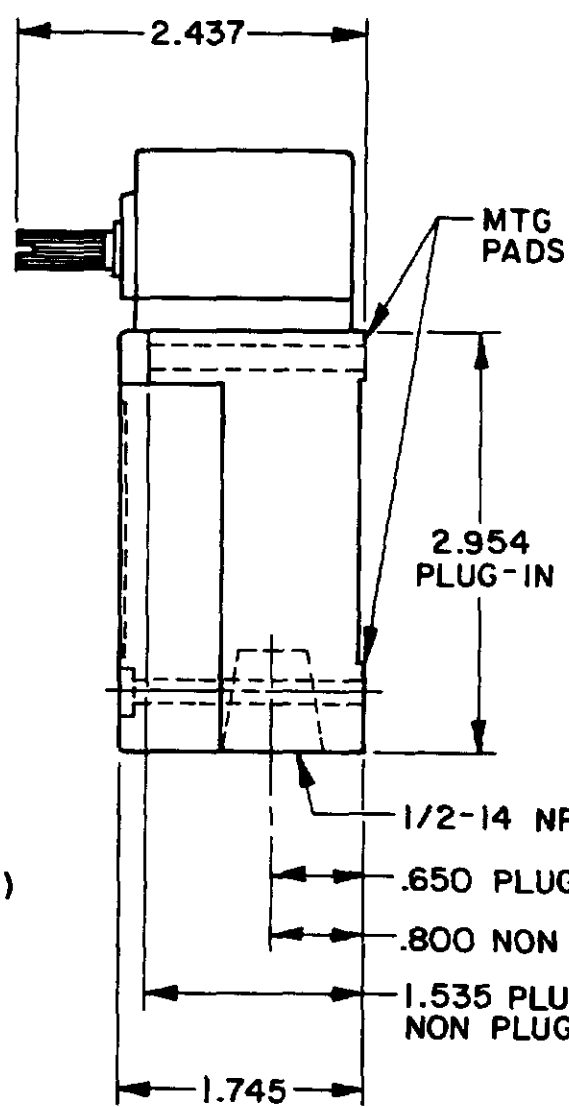
SIDE ROTARY

SINGLE POLE

DOUBLE POLE

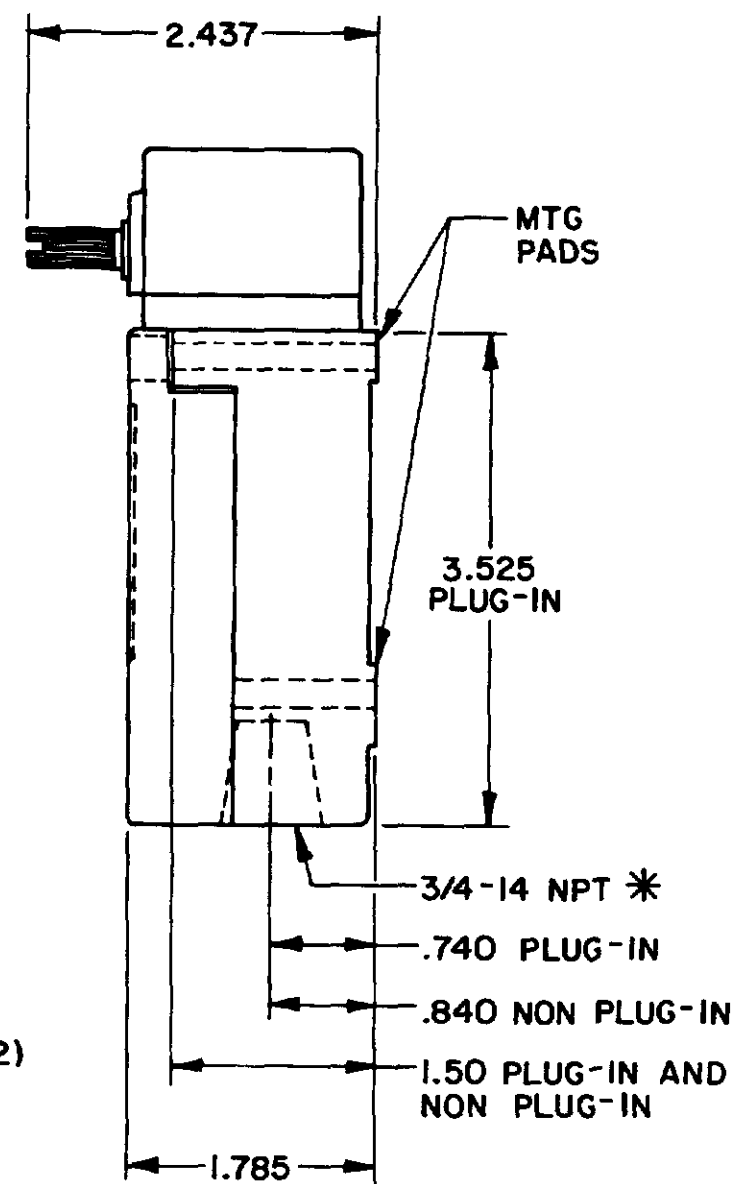
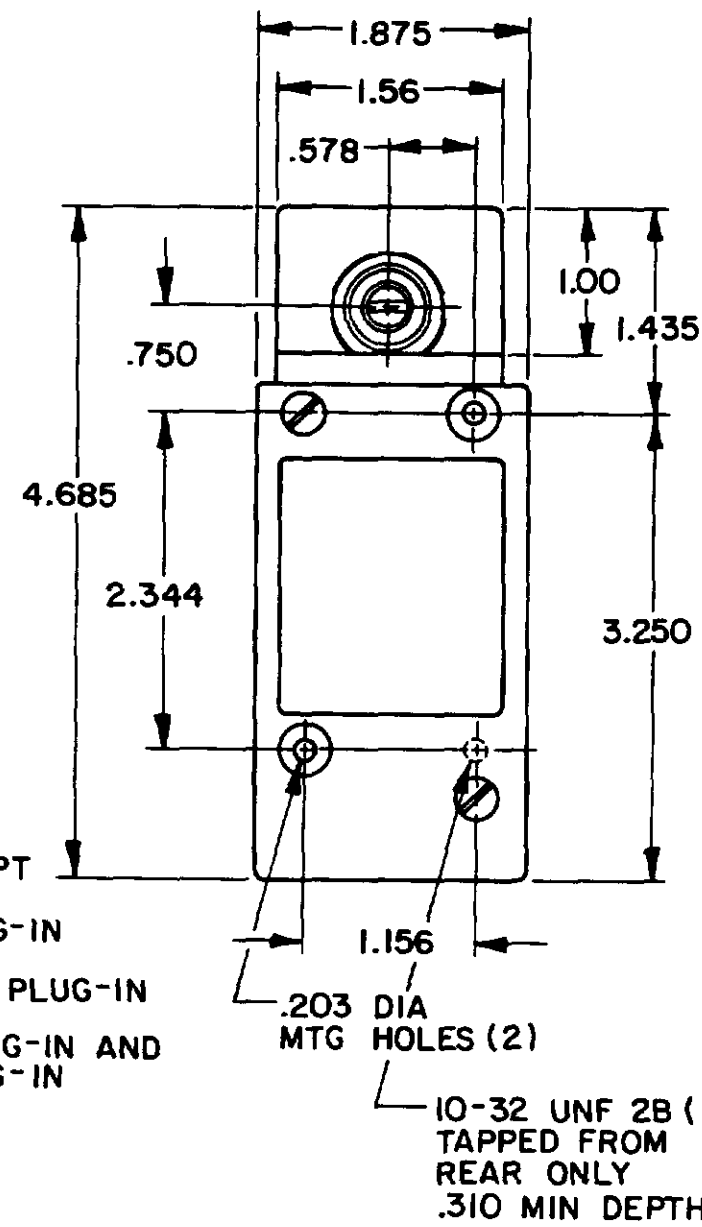


FLOUROSILICONE SEALS: LSYABI, LSYHBI, LSYNBI, LSYBBI, LSYRBI, LSYHB3, LSYPB3, LSYRB3, LSYSB1
VITON: LSYAC1, LSYHCI, LSYNC1, LSYPC1, LSYRC1, LSYAC3, LSYHC3, LSYNC3, LSYPC3, LSYRC3, LSYSC1

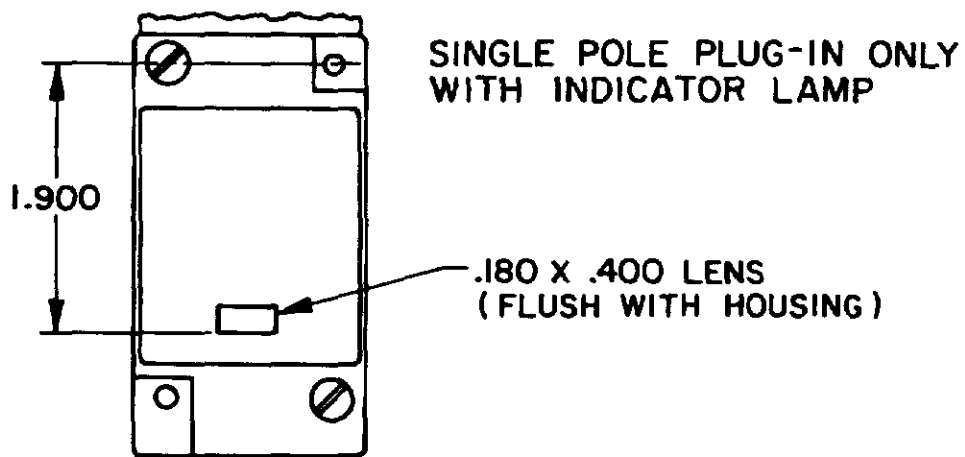


FLOUROSILICONE SEALS: LSYAB2, LSYHB2, LSYMB2, LSYNB2, LSYPB2, LSYRB2, LSYAB4, LSYHB4, LSYMB4, LSYNB4, LSYPB4, LSYRB4

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

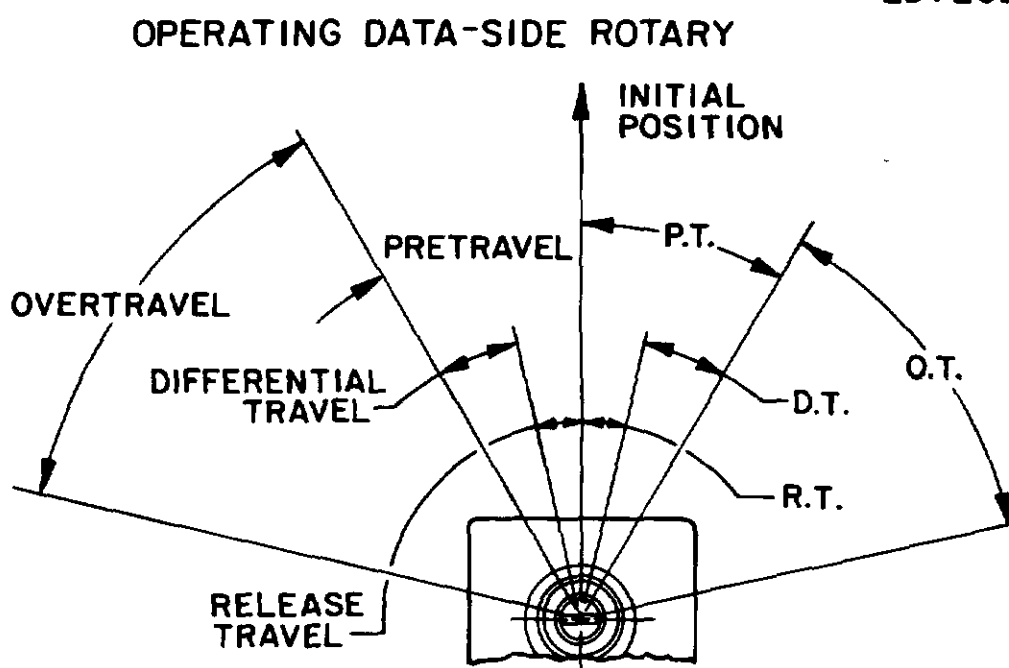


VITON SEALS: LSYAC2, LSYHC2, LSYNC2, LSYPC2, LSYRC2, LSYAC4, LSYHC4, LSYNC4, LSYPC4, LSYRC4, LSYMC2, LSYMC4, LSYMC6, LSYMC7, LSYLC2, LSYLC4, LSYLC6, LSYLC7

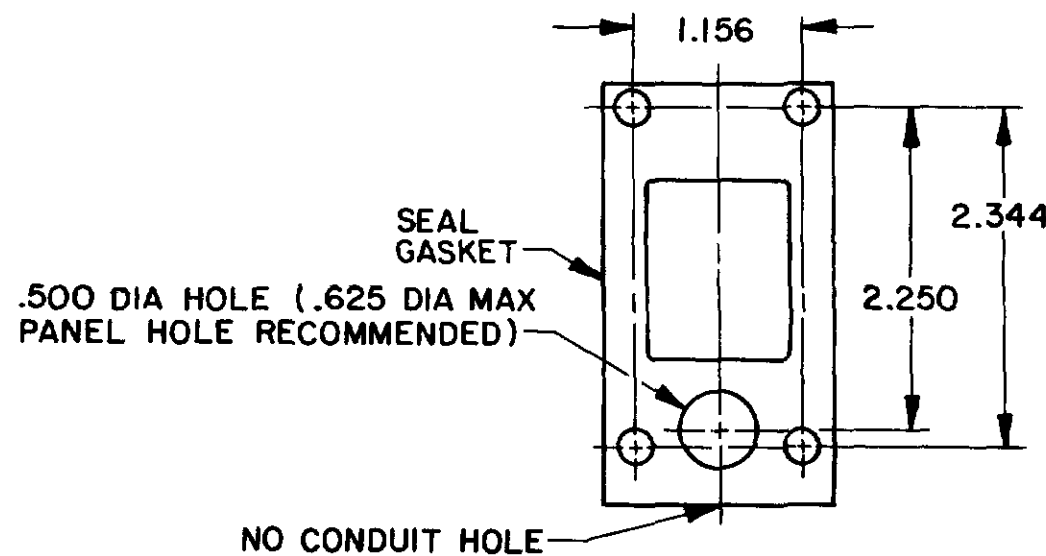


120 LAMP VOLTAGE -
TYPE LSYAB5, LSYHB5, LSYNB5, LSYPB5, LSYRB5, LSYAC5, LSYHC5, LSYNC5, LSYPC5, LSYRC5
240 LAMP VOLTAGE -
TYPE LSYAB8, LSYHB8, LSYNB8, LSYPB8, LSYRB8, LSYAC8, LSYHC8, LSYNC8, LSYPC8, LSYRC8

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. CODE 5929

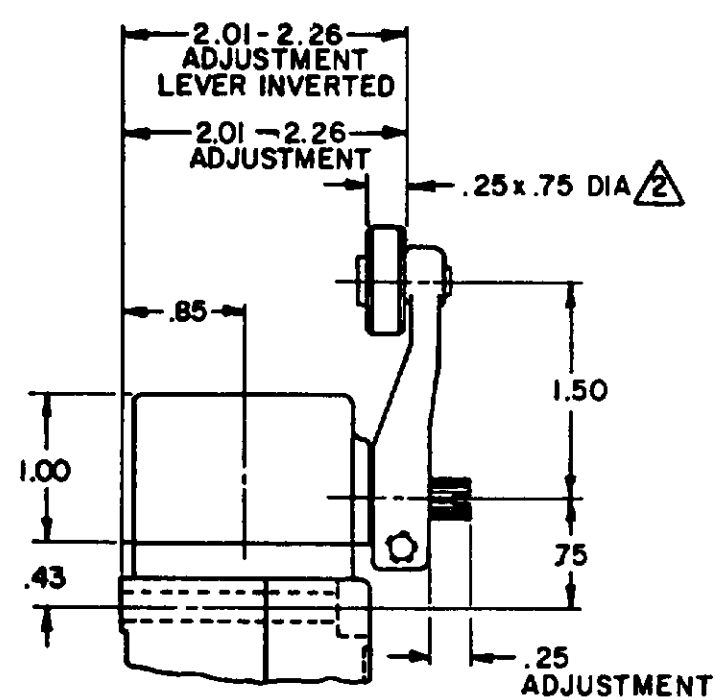
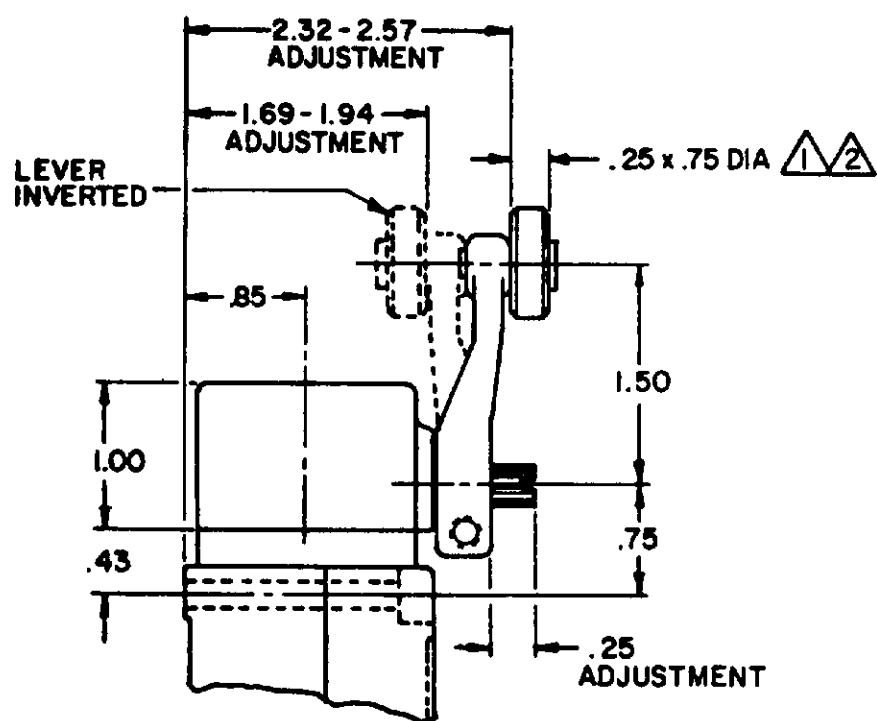
SWITCH-ENCLOSED

LSY SERIES
CATALOG LISTING
CHART 1

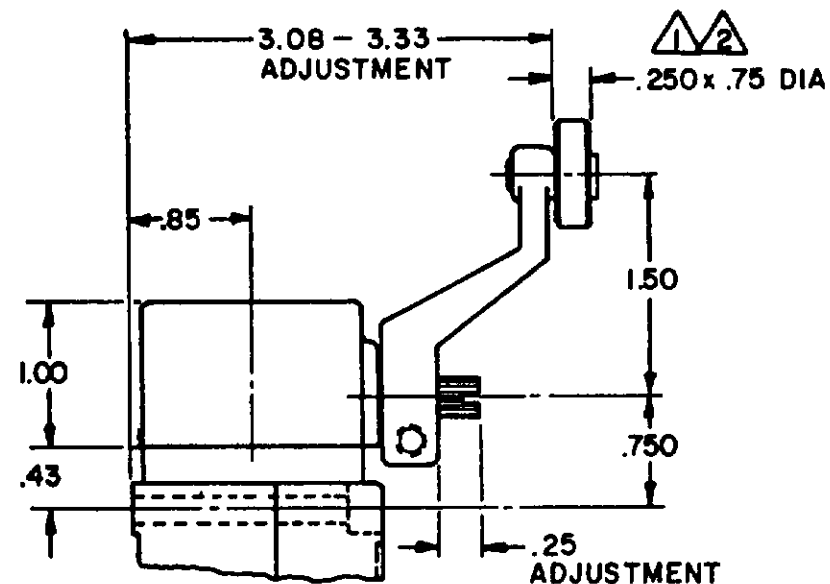
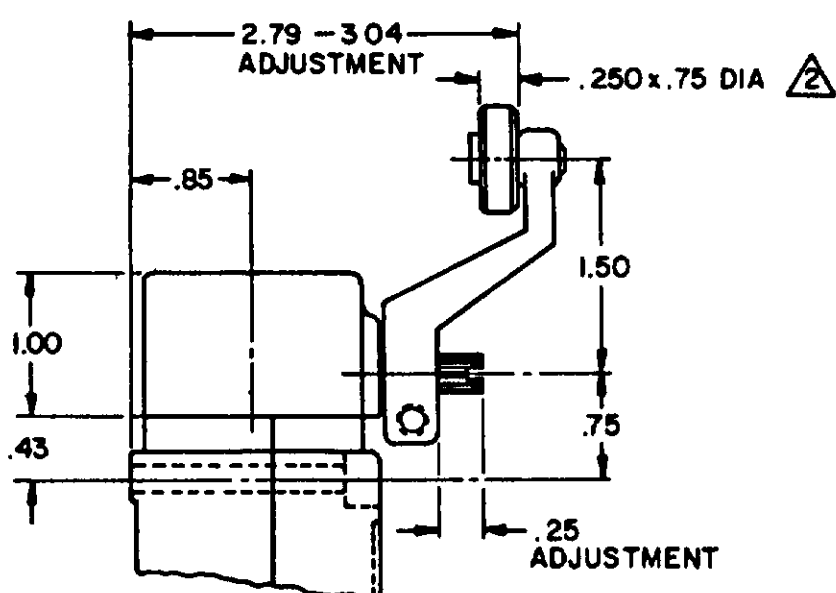
LSY SERIES CHART 1
PAGE 1 OF 10

DESIGN UNITS	WEIGHT
NO. OF UNITS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00 18.00 19.00 20.00 21.00 22.00 23.00 24.00 25.00 26.00 27.00 28.00 29.00 30.00 31.00 32.00 33.00 34.00 35.00 36.00 37.00 38.00 39.00 40.00 41.00 42.00 43.00 44.00 45.00 46.00 47.00 48.00 49.00 50.00 51.00 52.00 53.00 54.00 55.00 56.00 57.00 58.00 59.00 60.00 61.00 62.00 63.00 64.00 65.00 66.00 67.00 68.00 69.00 70.00 71.00 72.00 73.00 74.00 75.00 76.00 77.00 78.00 79.00 80.00 81.00 82.00 83.00 84.00 85.00 86.00 87.00 88.00 89.00 90.00 91.00 92.00 93.00 94.00 95.00 96.00 97.00 98.00 99.00 100.00

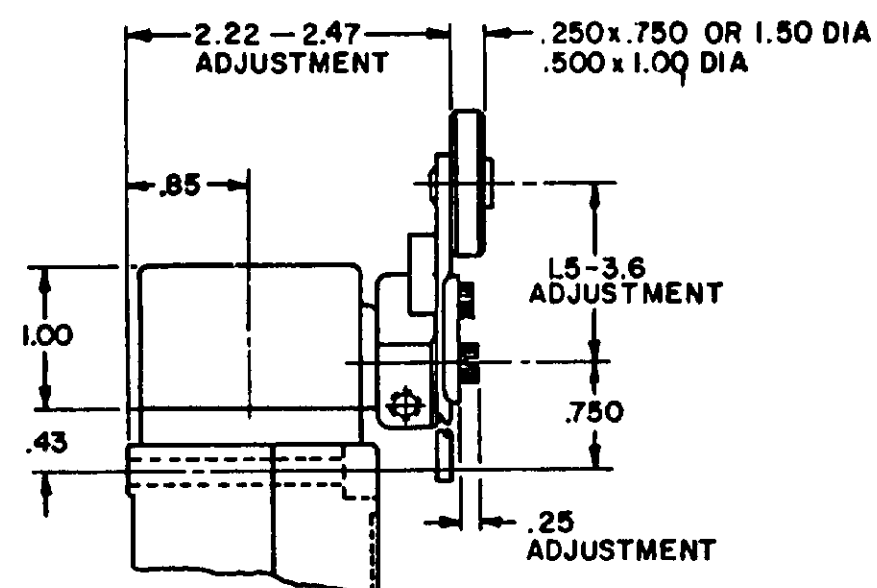
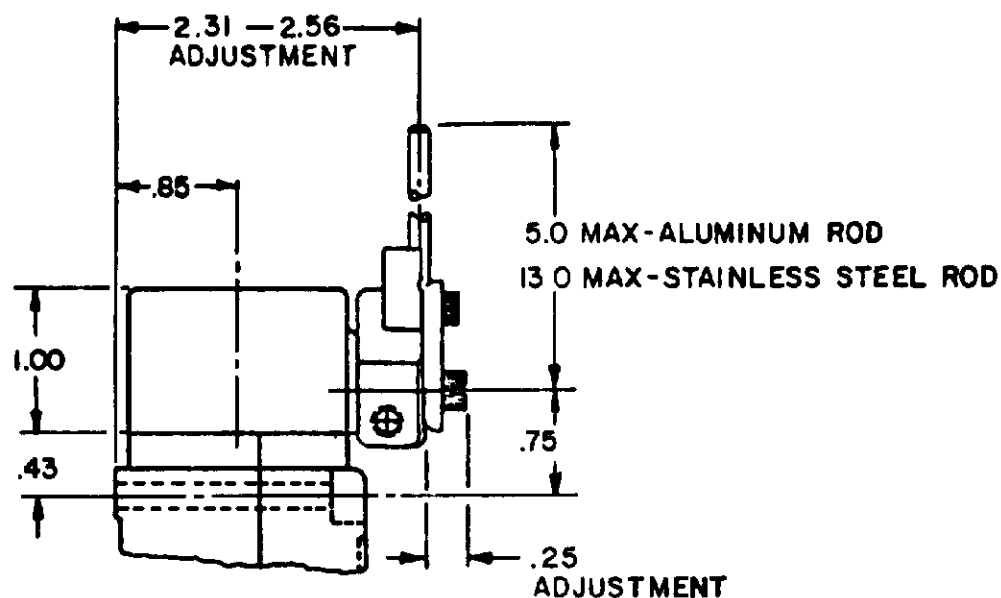
SIDE ROTARY CAM TRACKING



LSZ51 TYPE LEVERS

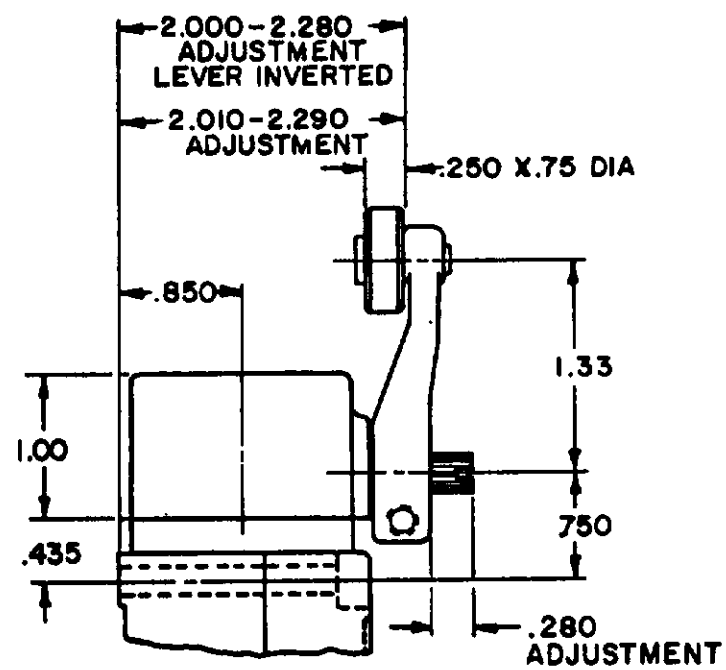
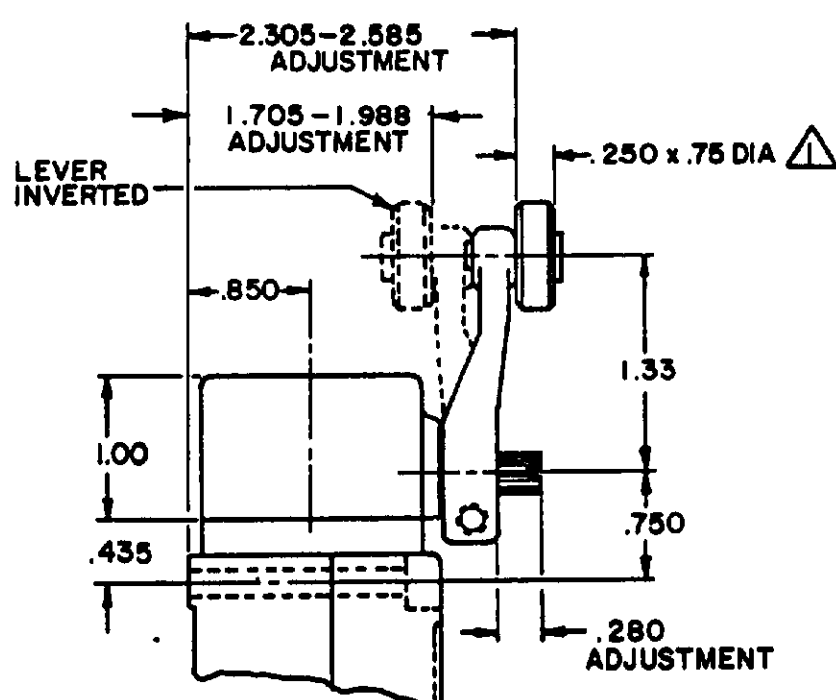


LSZ55 TYPE LEVERS



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

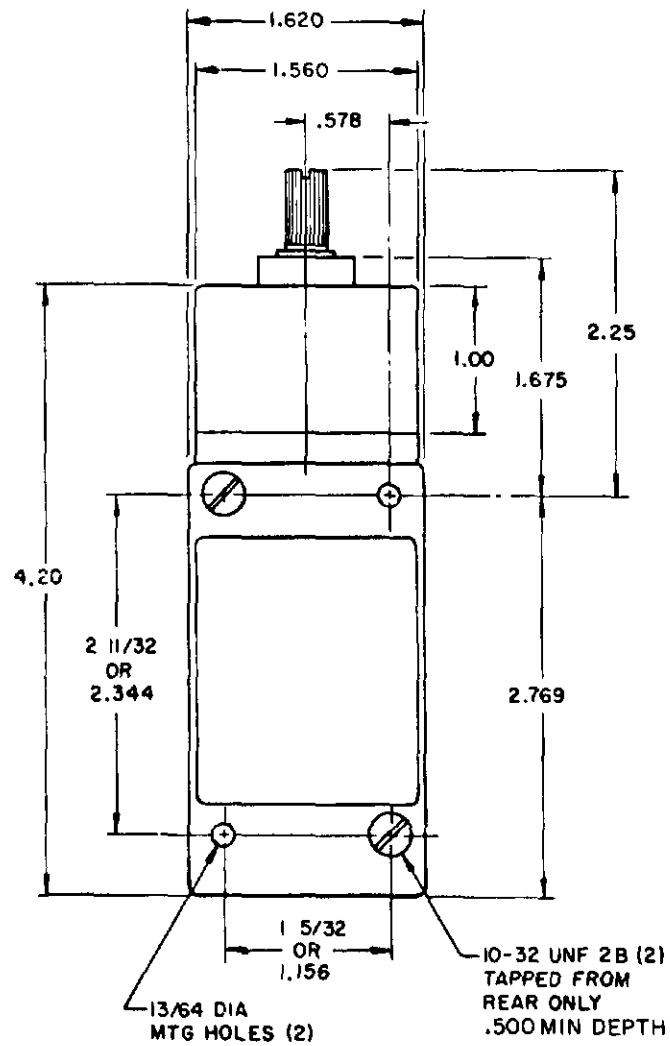
TWO PLACE (.00) ± .015

THREE PLACE (.000) ± .005

ANGLES ±

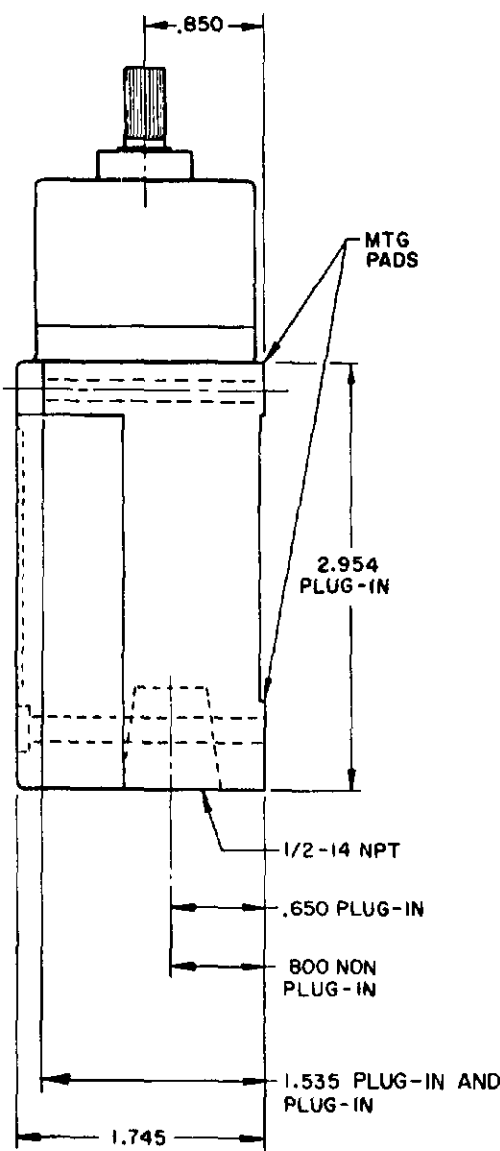
TOP ROTARY

SINGLE POLE



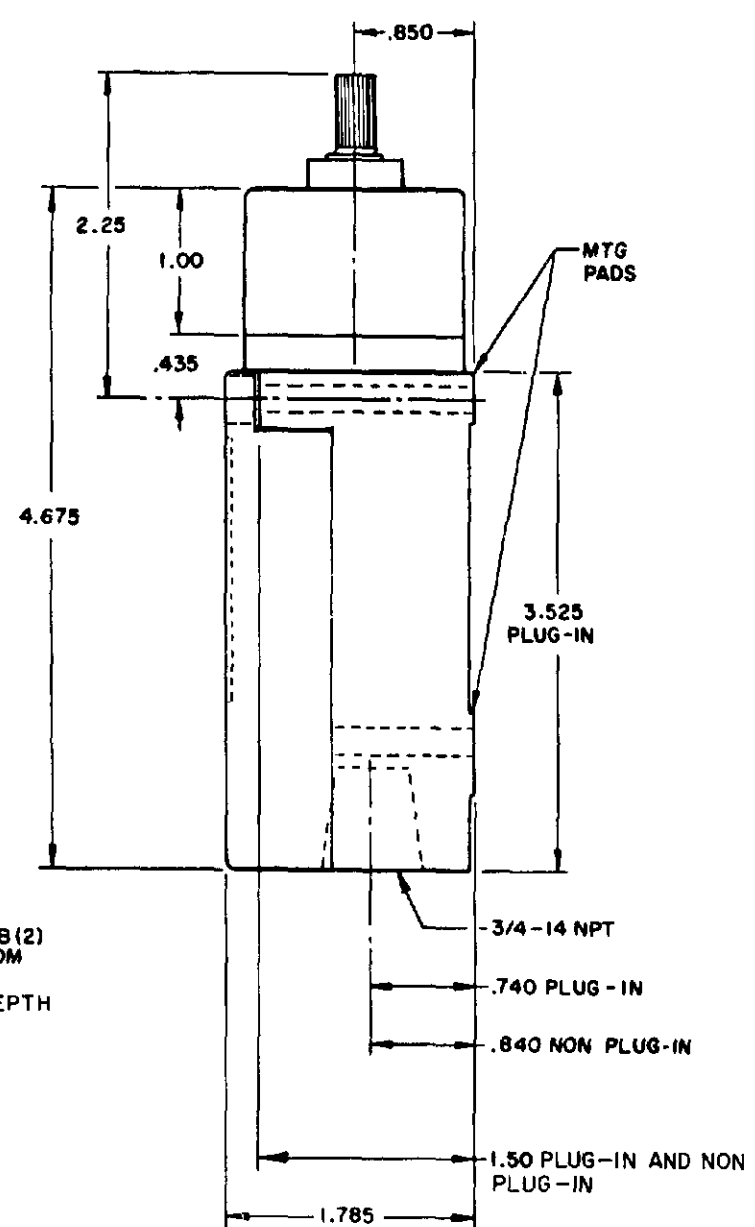
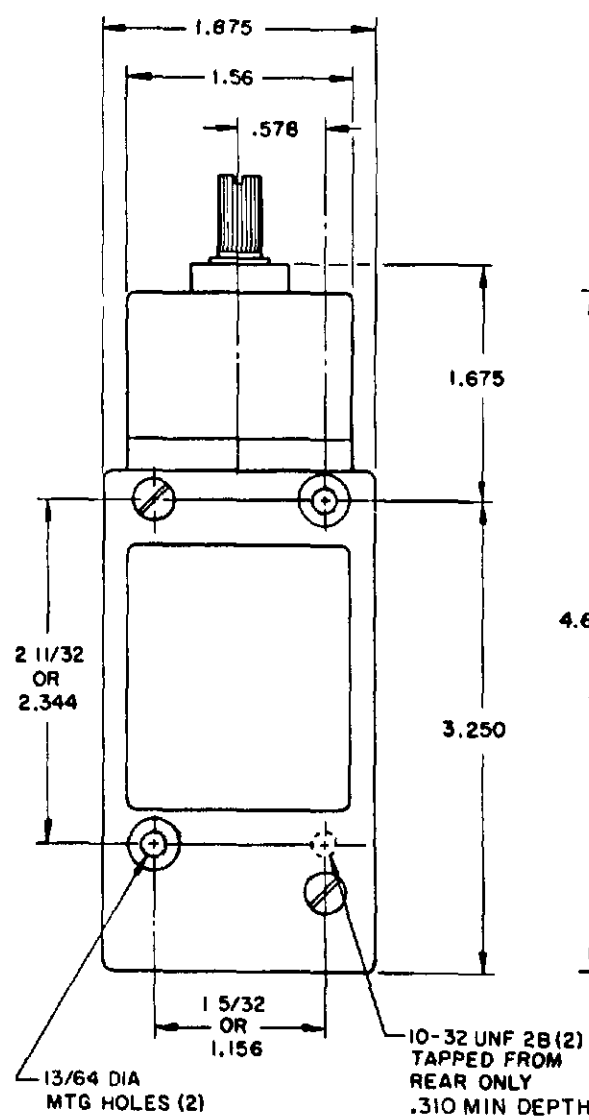
FLOUROSILICONE SEALS
LSYBB1 & LSYBB3

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.		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

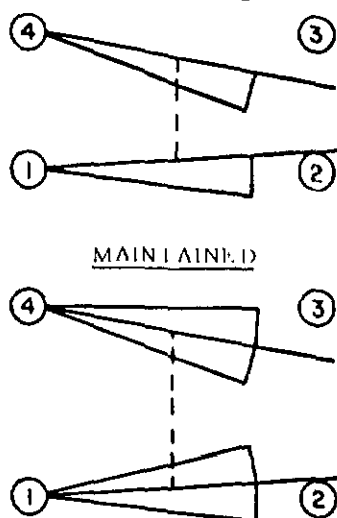
D.C. VOLTAGE	MAKE & BREAK INDUCTIVE	RESISTIVE
120	0.25	0.80
240	0.15	0.40

ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT.

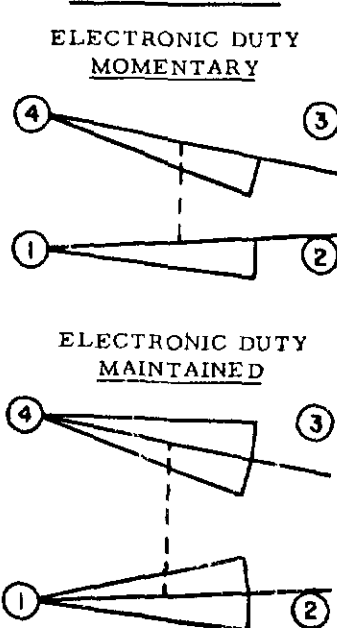
VOLTAGE	
5 AC OR DC MIN	.01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

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

SINGLE POLE MOMENTARY

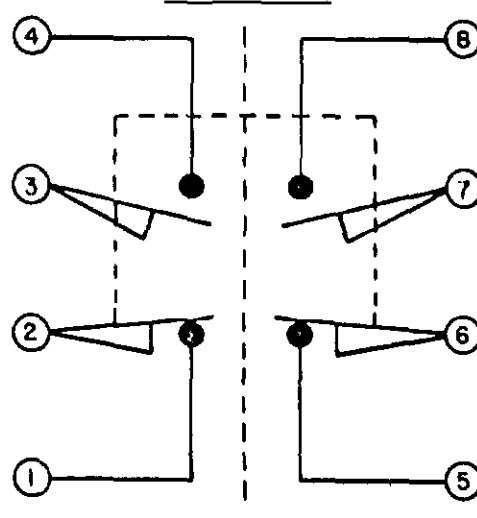


SINGLE POLE ELECTRONIC DUTY MOMENTARY

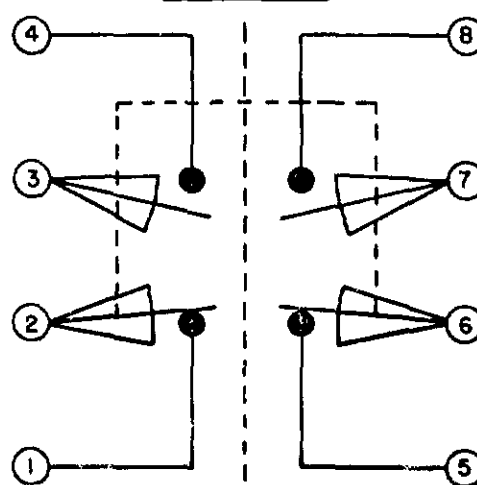


DIRECT ACTING

DOUBLE POLE MOMENTARY



DOUBLE POLE ELECTRONIC DUTY MAINTAINED



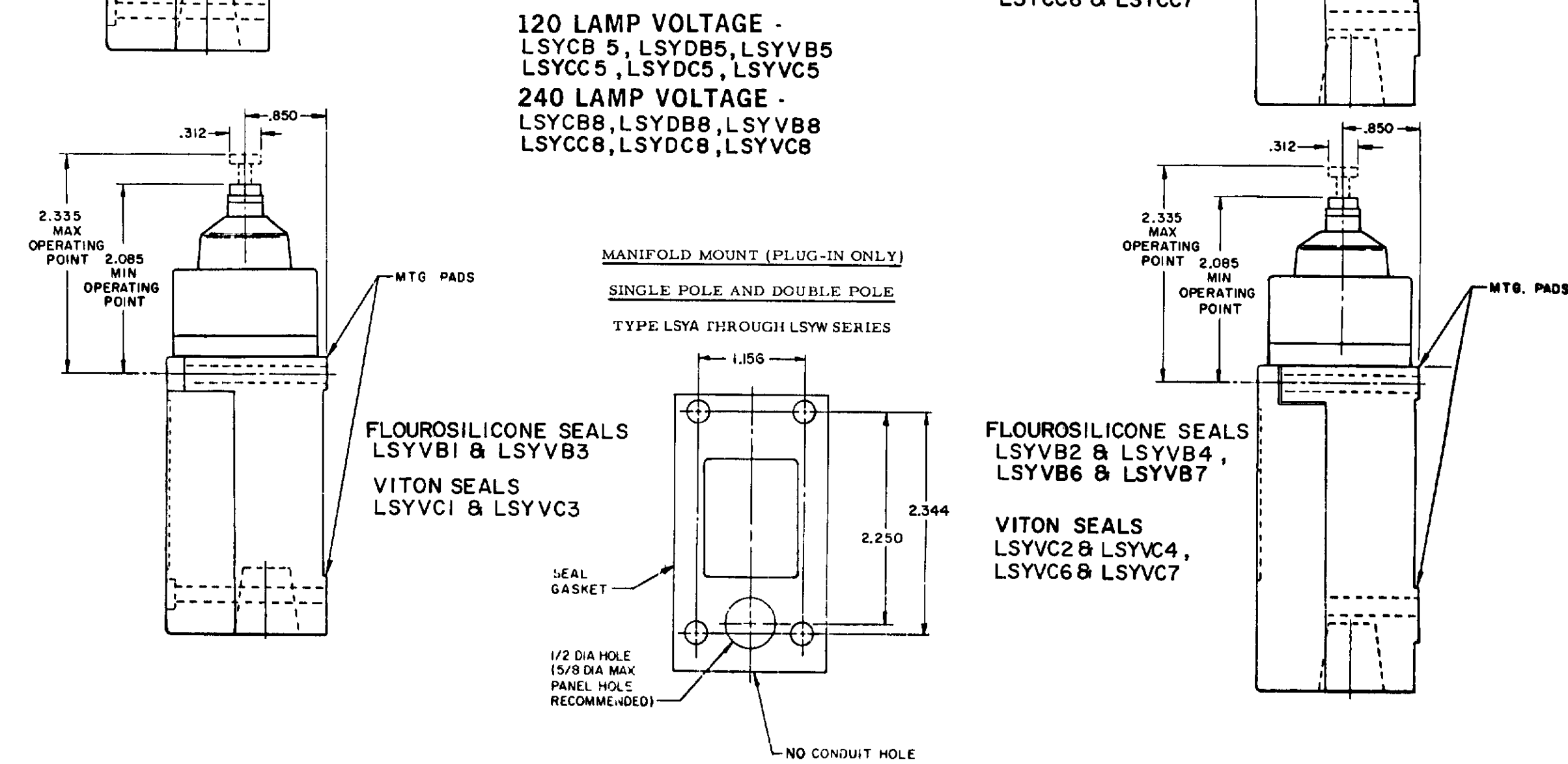
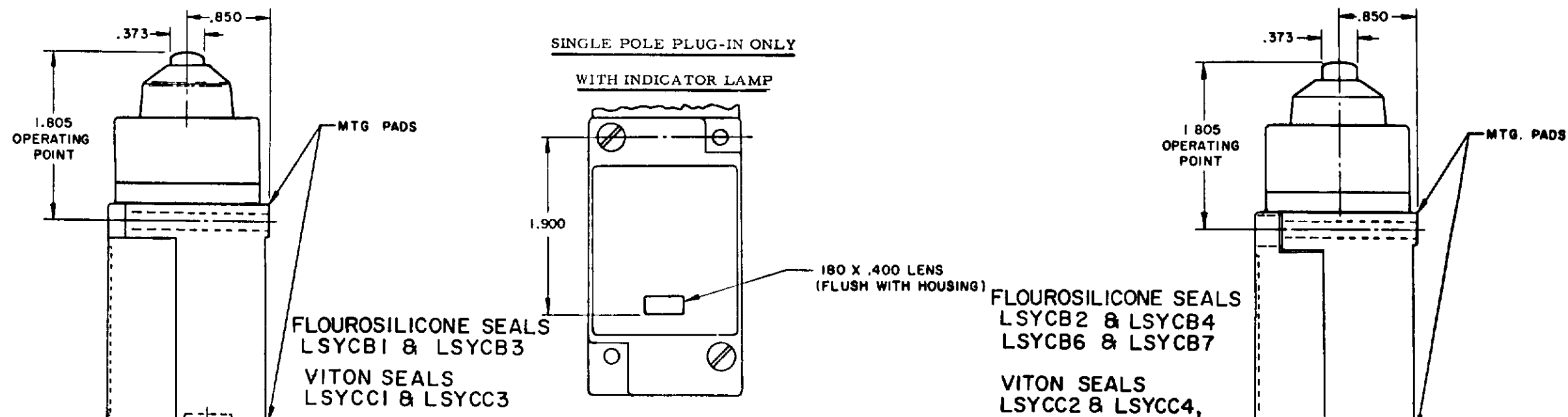
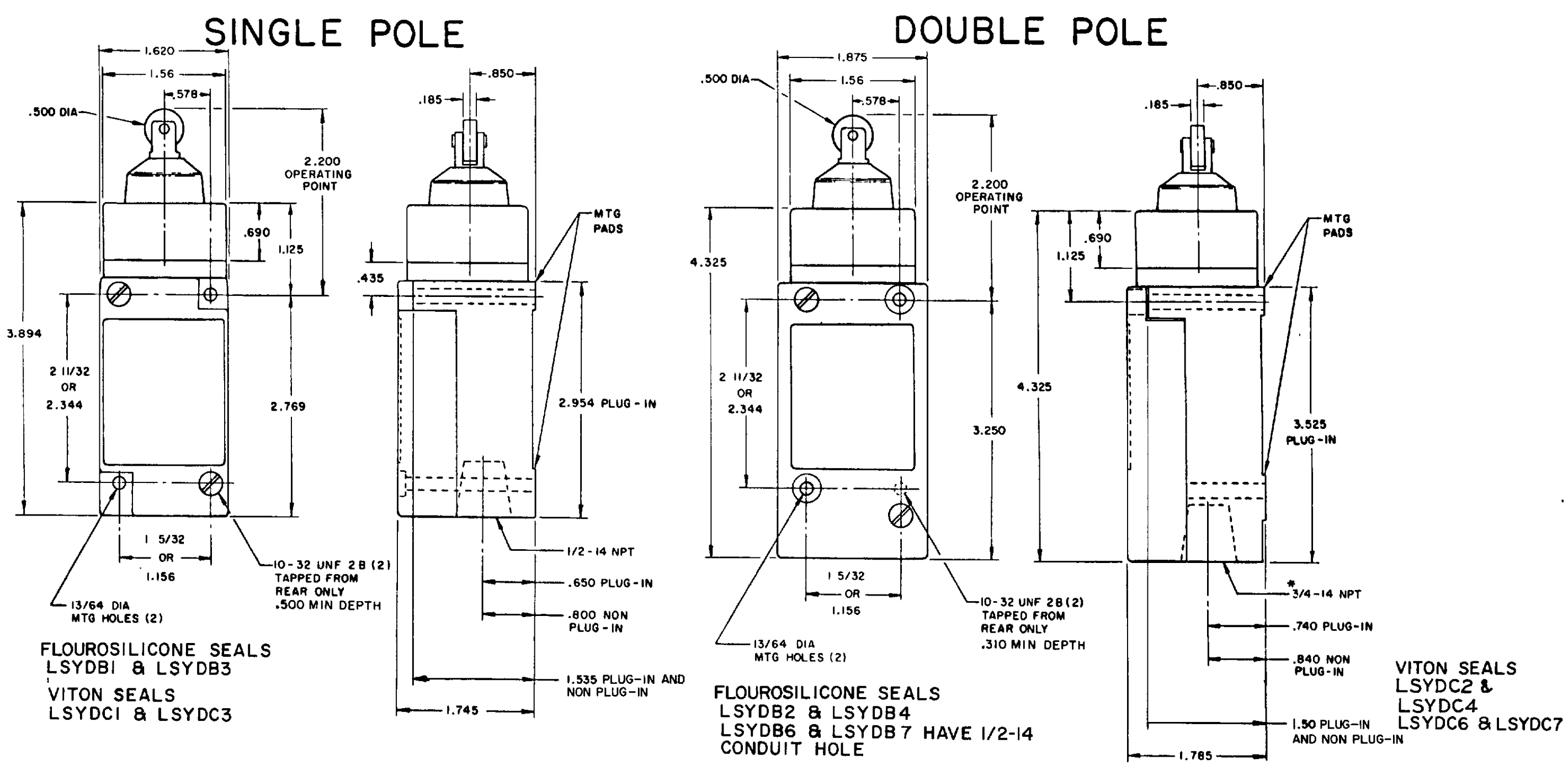
DIRECT ACTING (ALSO RATED AT A.C. 10
AMP CONT.)

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

PLUNGER TYPE TOP



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FID. MFG. CO. 1978

SWITCH - ENCLOSED

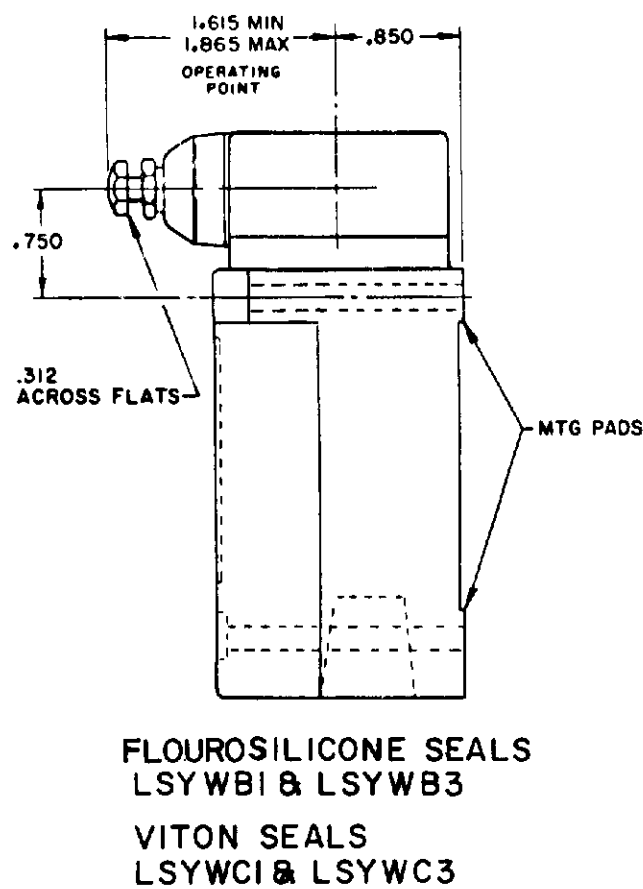
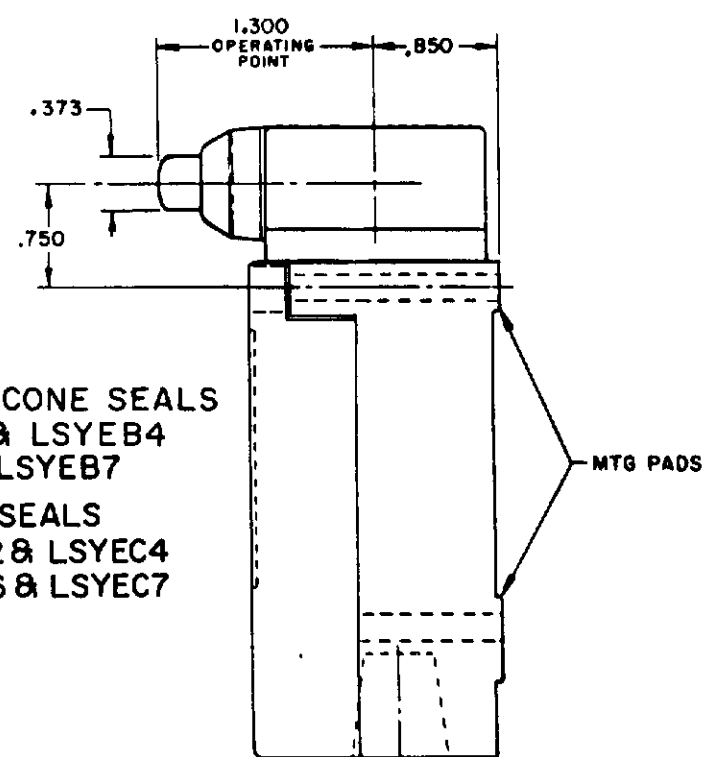
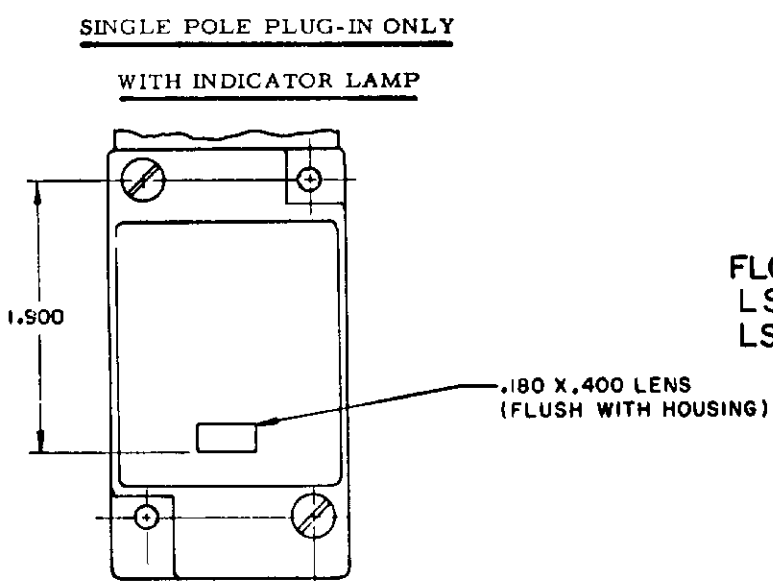
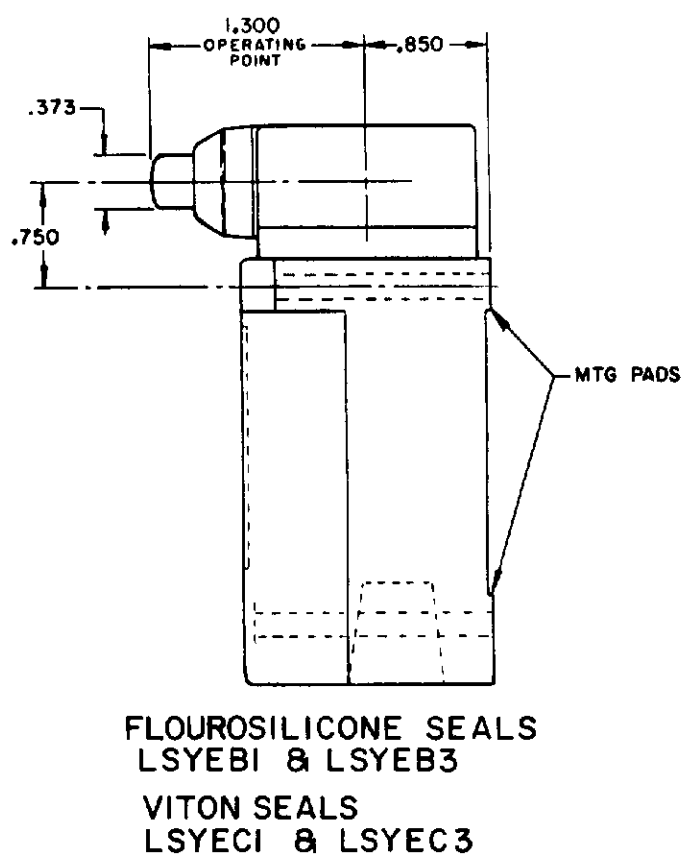
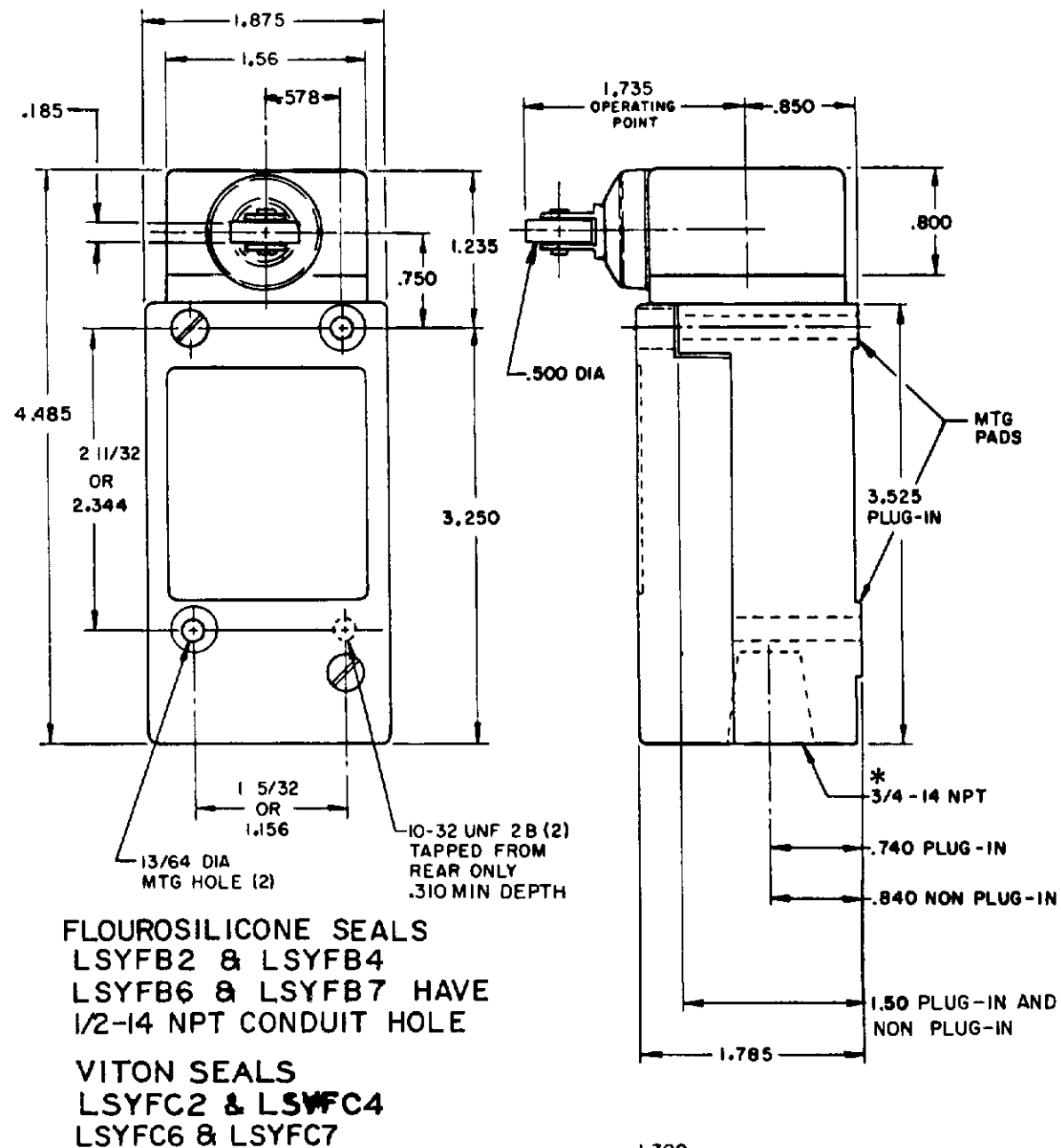
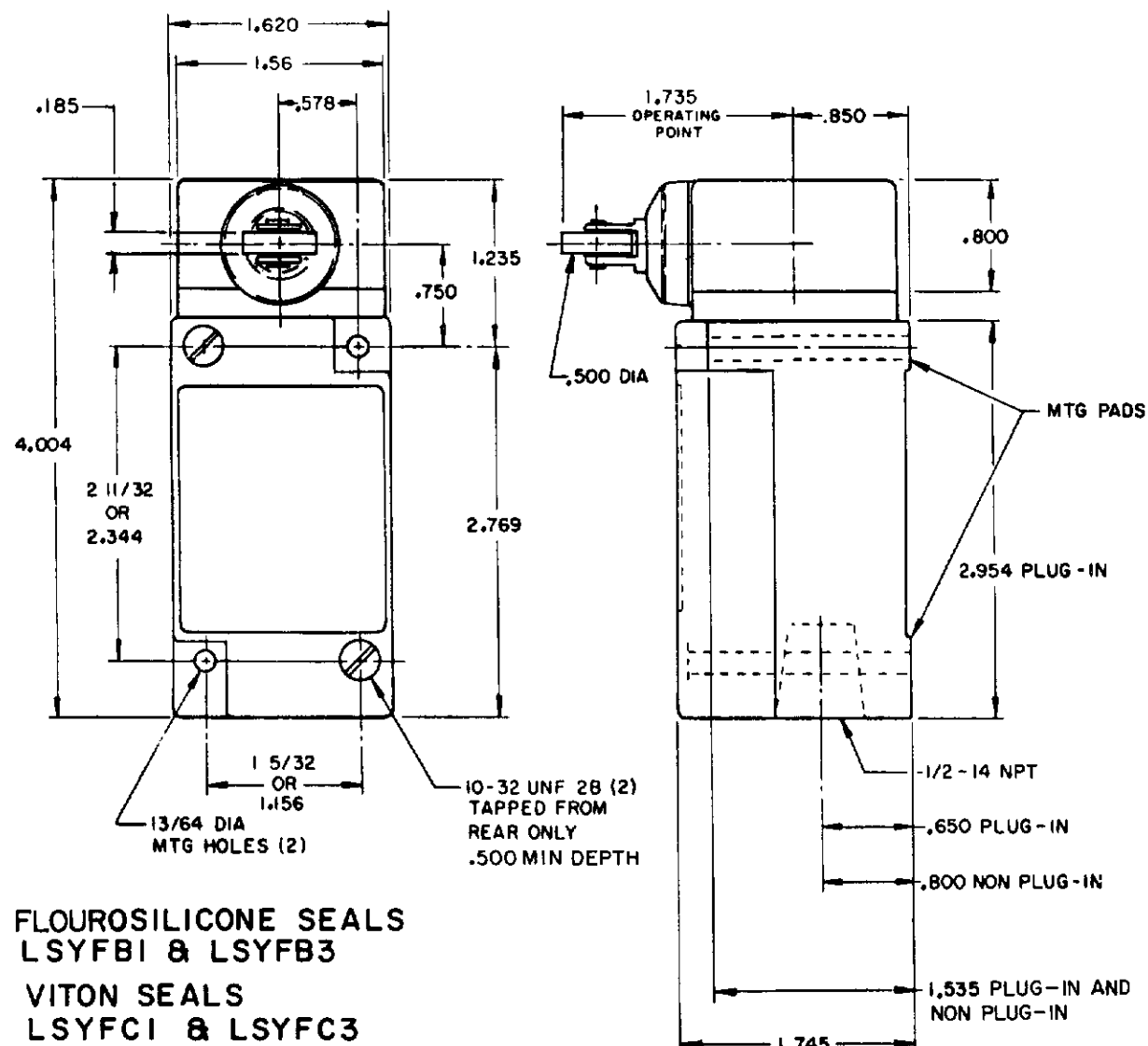
LSY SERIES
CATALOG LISTING
CHART 1

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

SIDE PLUNGER TYPE

SINGLE POLE

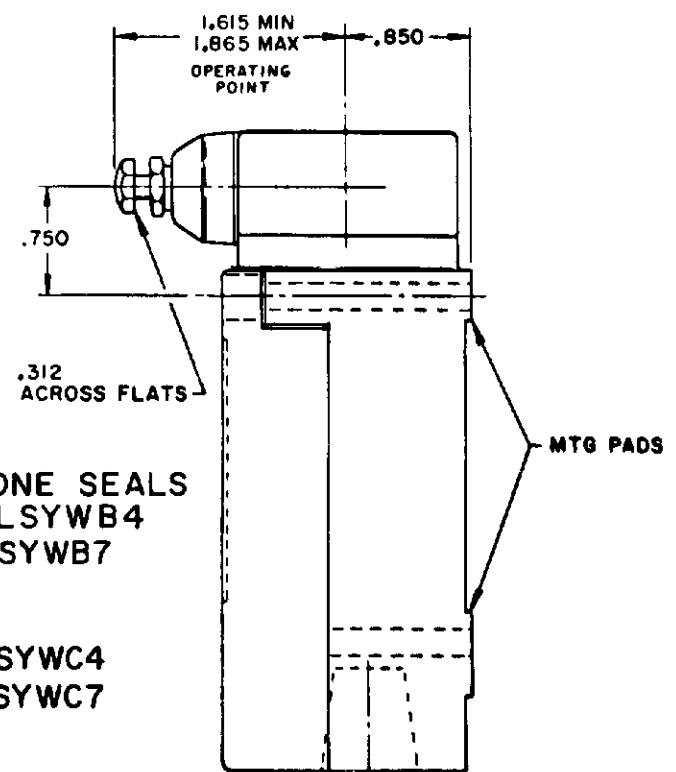
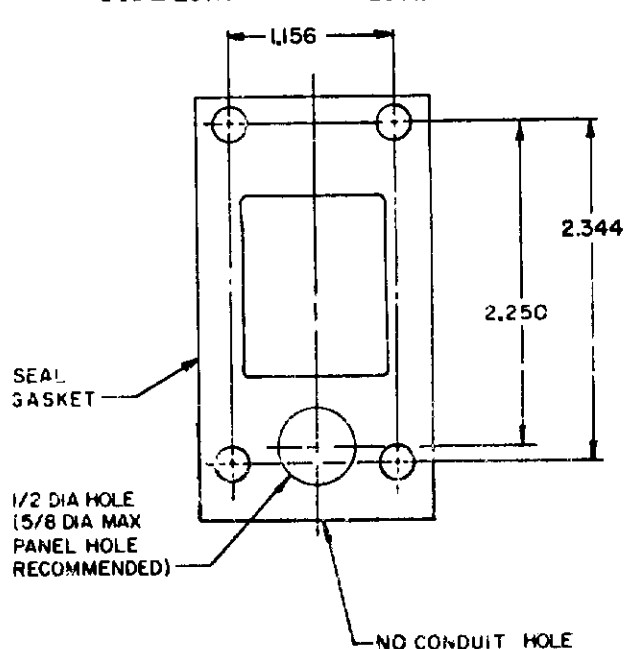
DOUBLE POLE



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



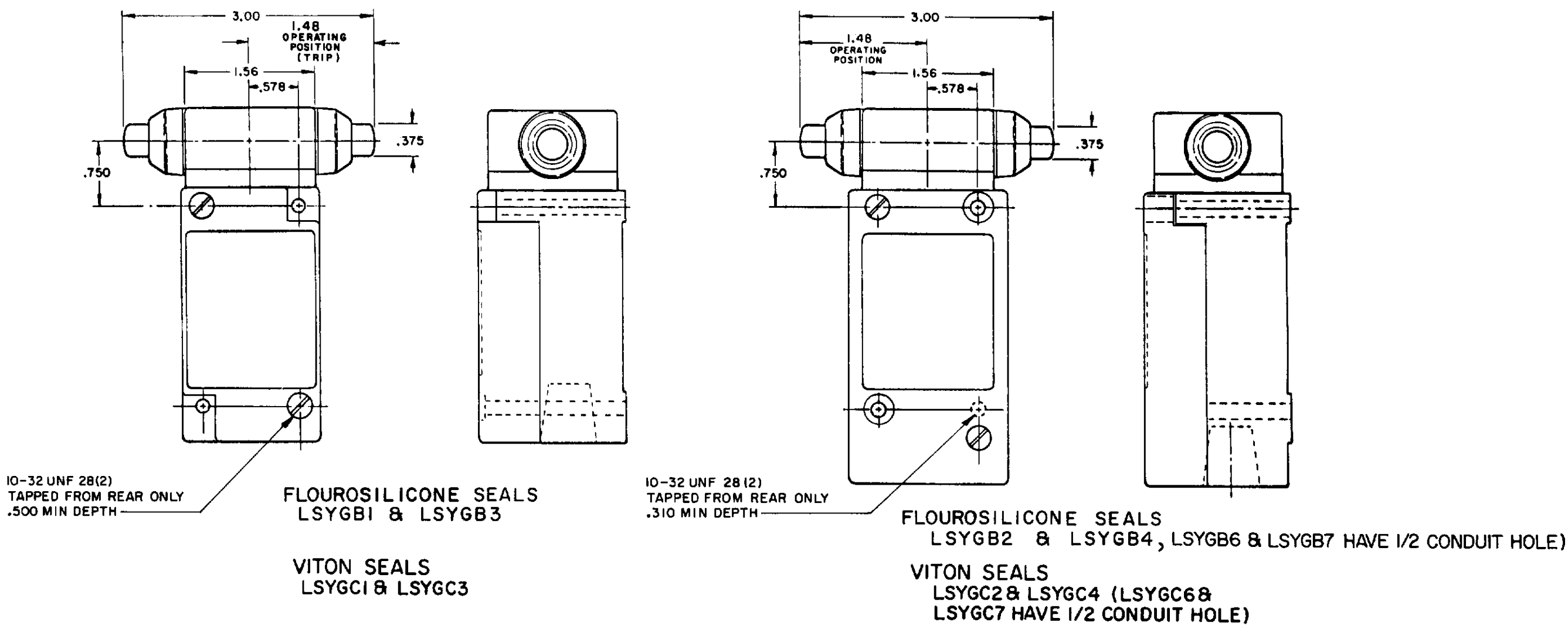
NOTES:
1 - ALL UNITS AVAILABLE WITH
FLOUROSILICONE AND VITON SEALS

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FED. REG. CO. 9-438

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

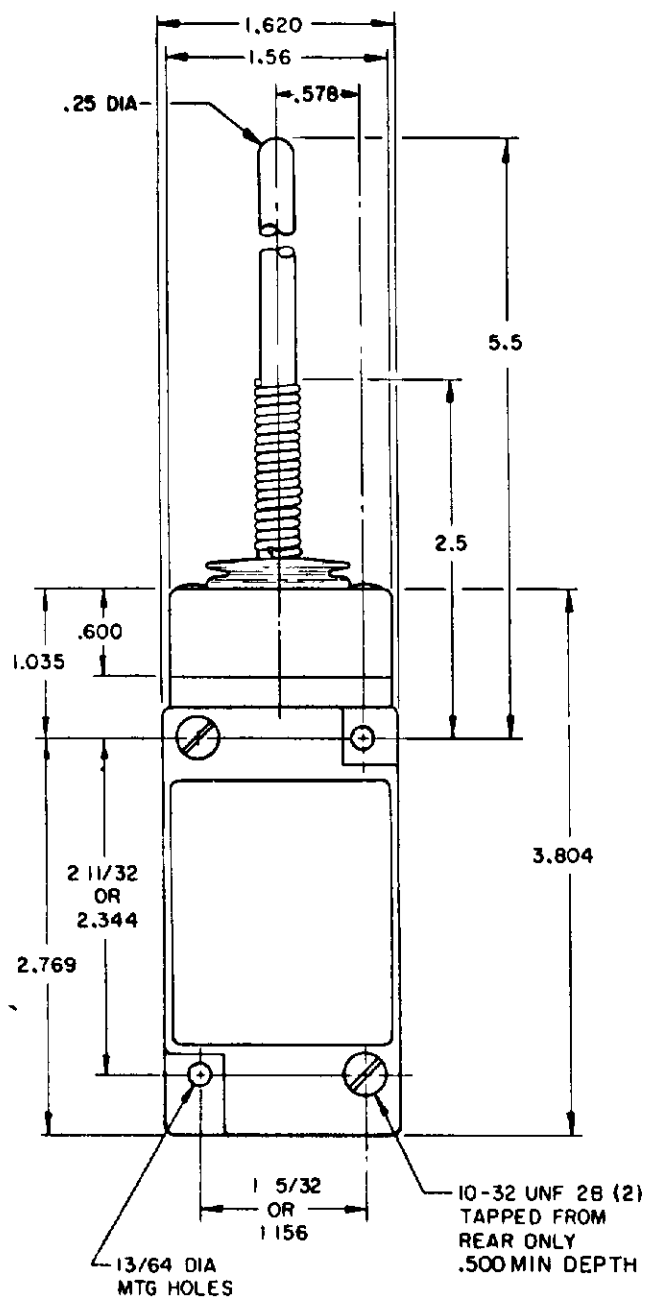
OPERATING POINT GIVEN IN RELATION TO TOP MOUNTING HOLE								TOP PLUNGER TYPES			
CHARACTERISTICS	LSYC PLUNGER		LSYD ROLLER PLUNGER		LSYV ADJ PLUNGER		SEQUENCE BASIC				
							LSYC	LSYD	LSYV		
PRETRAVEL (MAX)	.070		.070		.070		1ST STEP .070 2ND STEP .016 MIN ADD'L				
DIFFERENTIAL TRAVEL (MAX)	SINGLE 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						

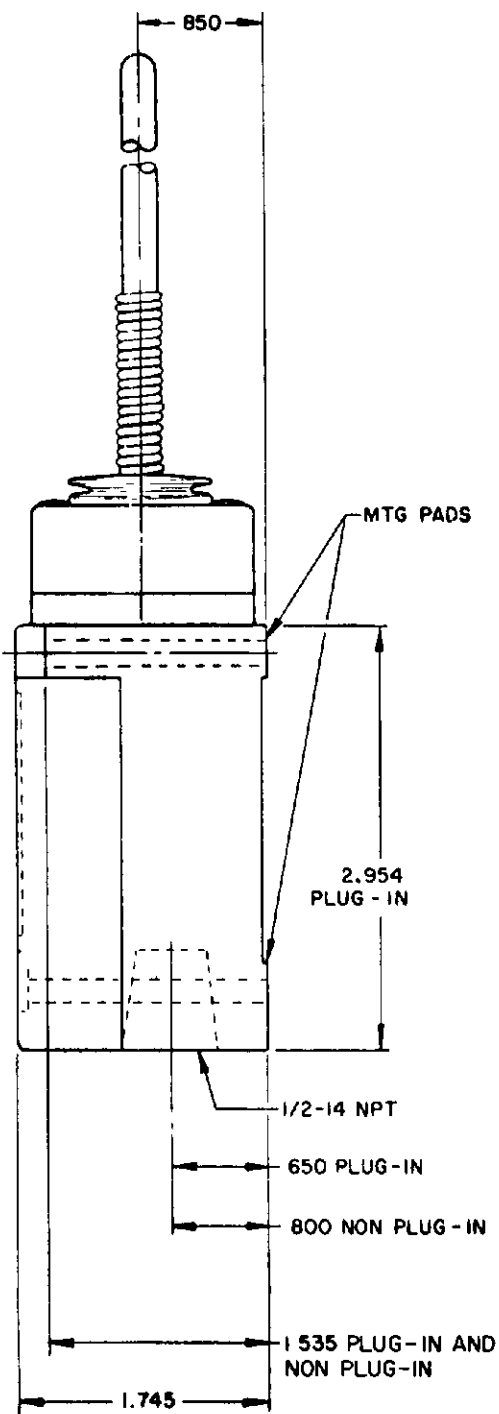
WOBBLE STICK

SINGLE POLE

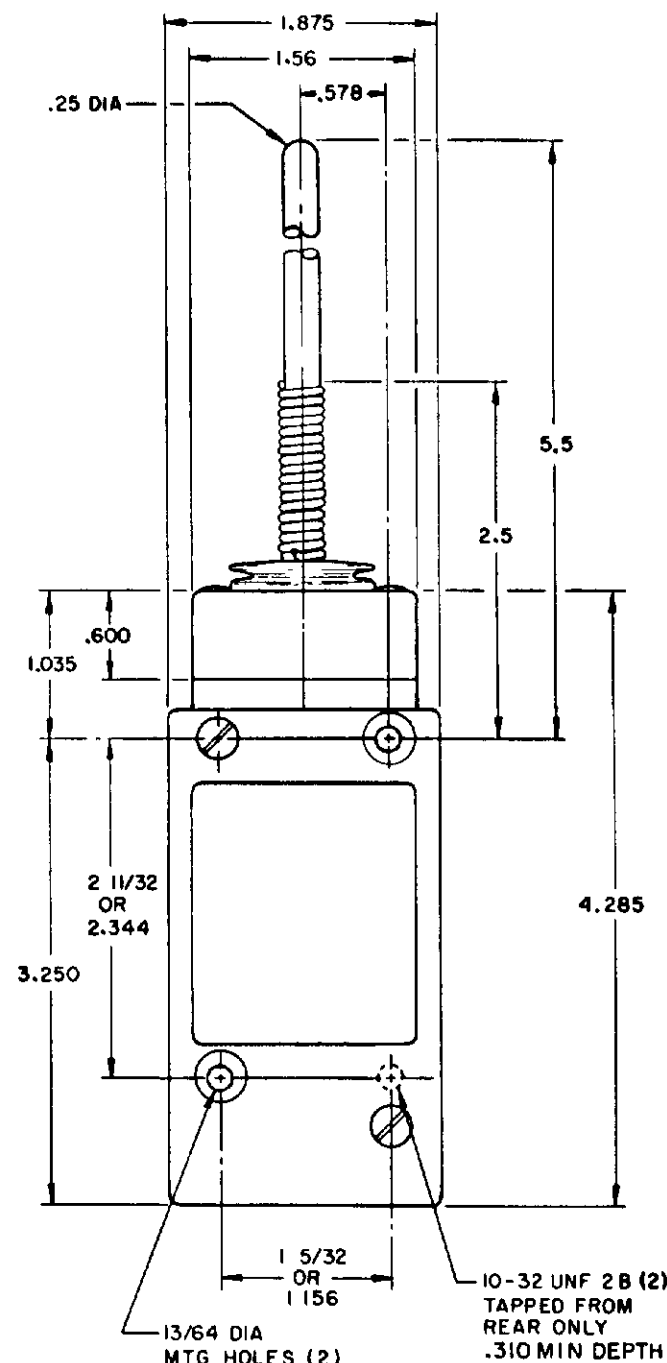
DOUBLE POLE



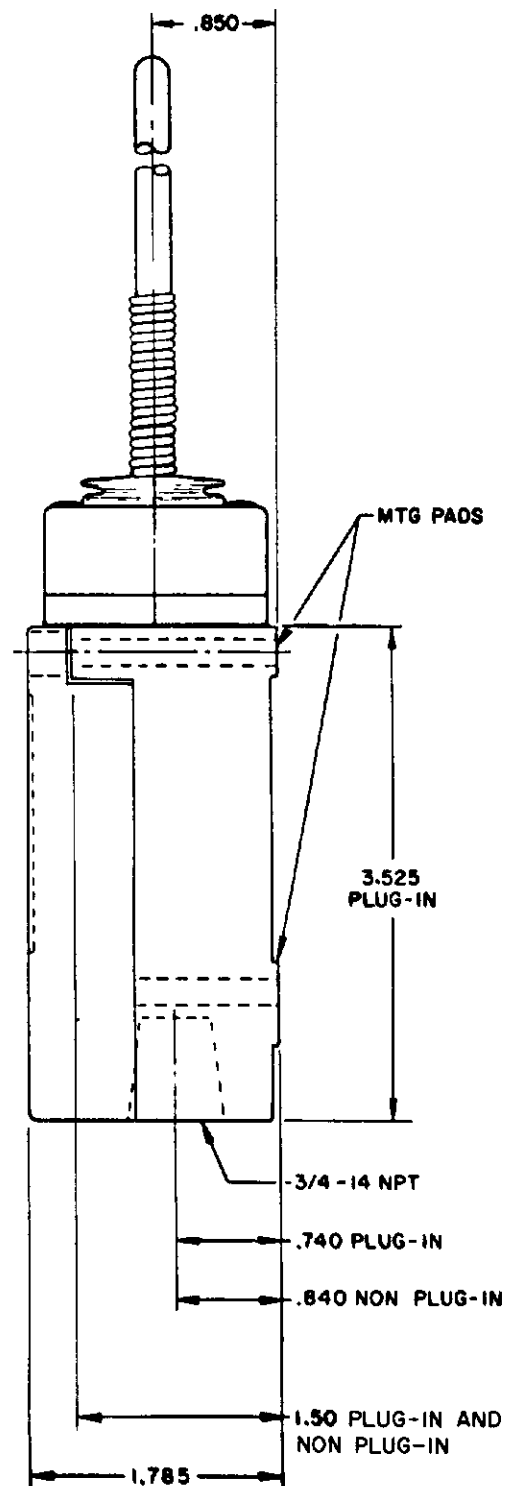
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



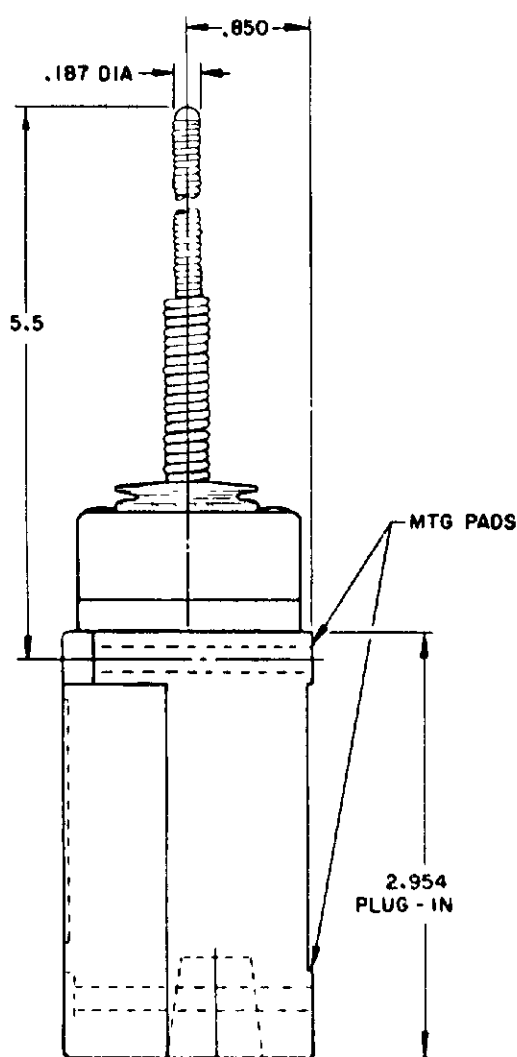
**REPLACEMENT ACTUATOR
LSZ 4009**



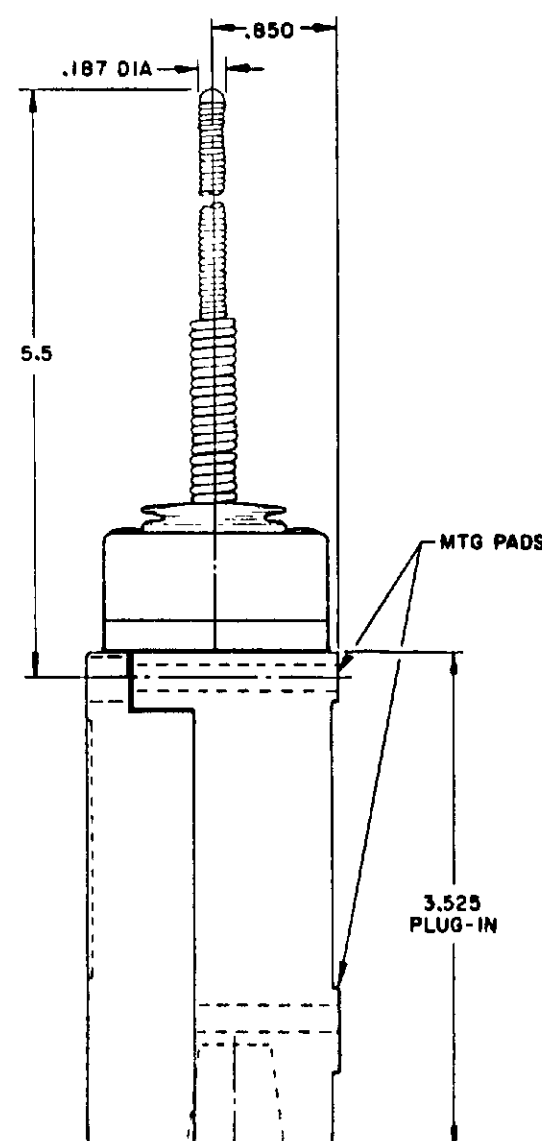
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



**REPLACEMENT ACTUATOR
LSZ 4011**

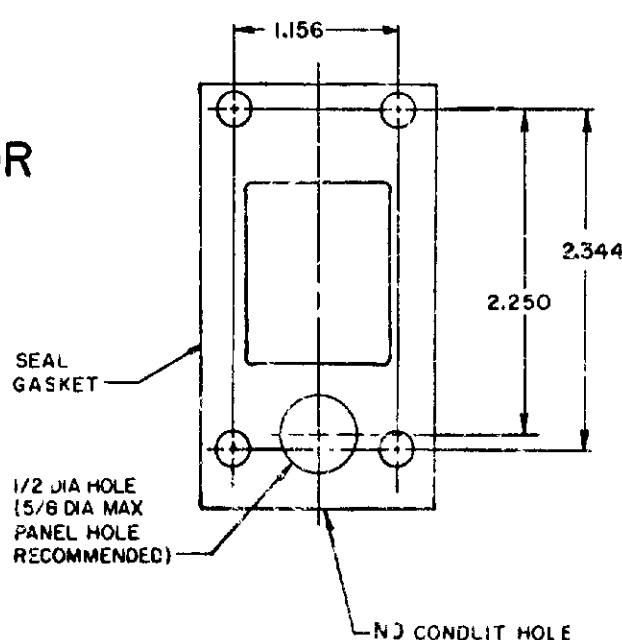


**CABLE EXTENSION
TYPE 7N ACTUATOR**



**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
FLUOROSILICONE AND VITON SEALS

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

SWITCH-ENCLOSED

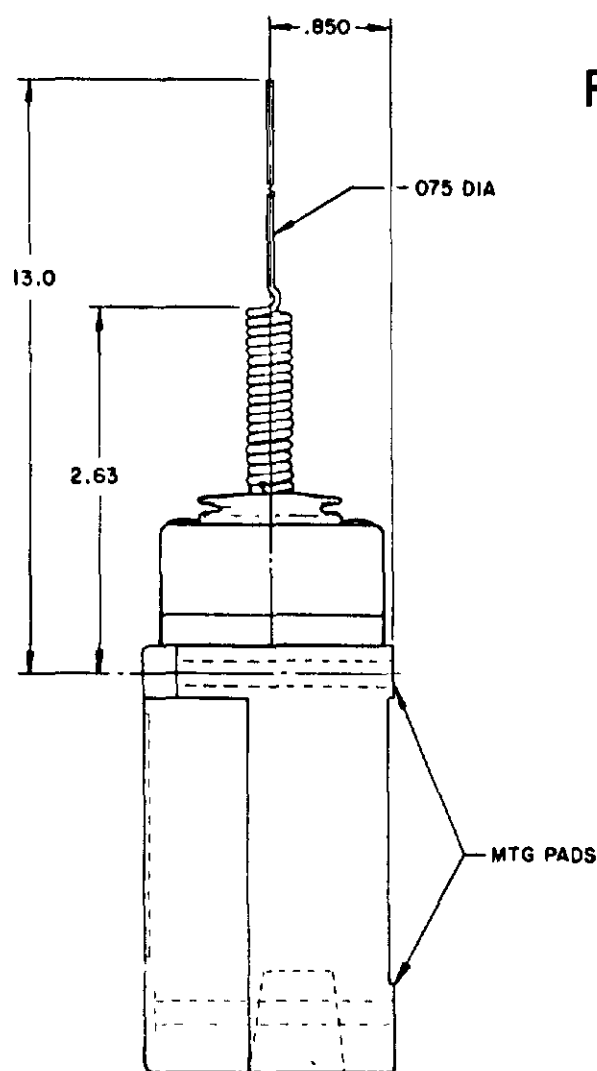
CHART 1

LSY SERIES

SCALE NONE
DO NOT SCALE PRINT

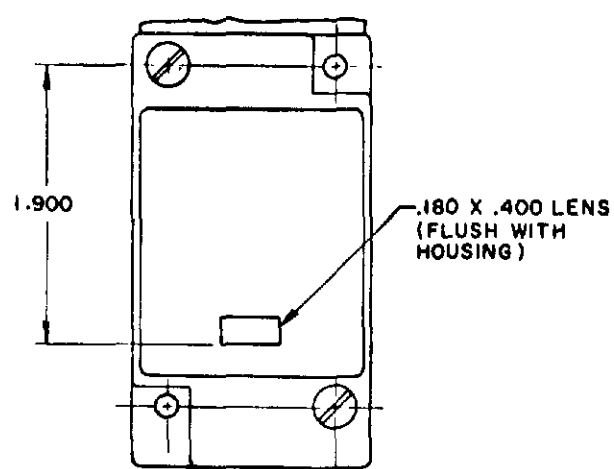
24 AUG 94	CHECK	SAF	12 SEP 74	CHECK	AK	19APR05	CHECK	PSR	10JUL07	RELEASE NO	CO-78499	REPLACES	LSY SERIES
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ISSUE	CATALOG LISTING
7	LSY SERIES CHART 1
PAGE	8 OF 10

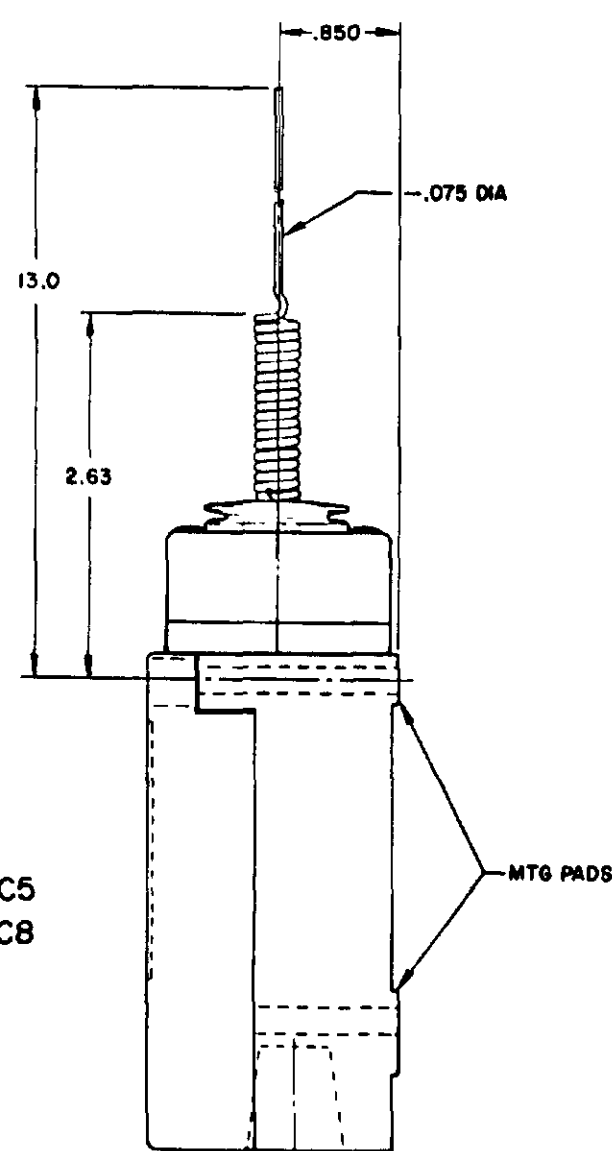


REPLACEMENT ACTUATOR LSZ4010

SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



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



WIRE EXTENSION TYPE 7M ACTUATOR

FLOUROSILICONE SEALS
LSYJB1 & LSYJB3

VITON SEALS
LSYJC1 & LSYJC3

WIRE EXTENSION TYPE 7M ACTUATOR

FLOUROSILICONE SEALS
LSYJB2 & LSYJB4

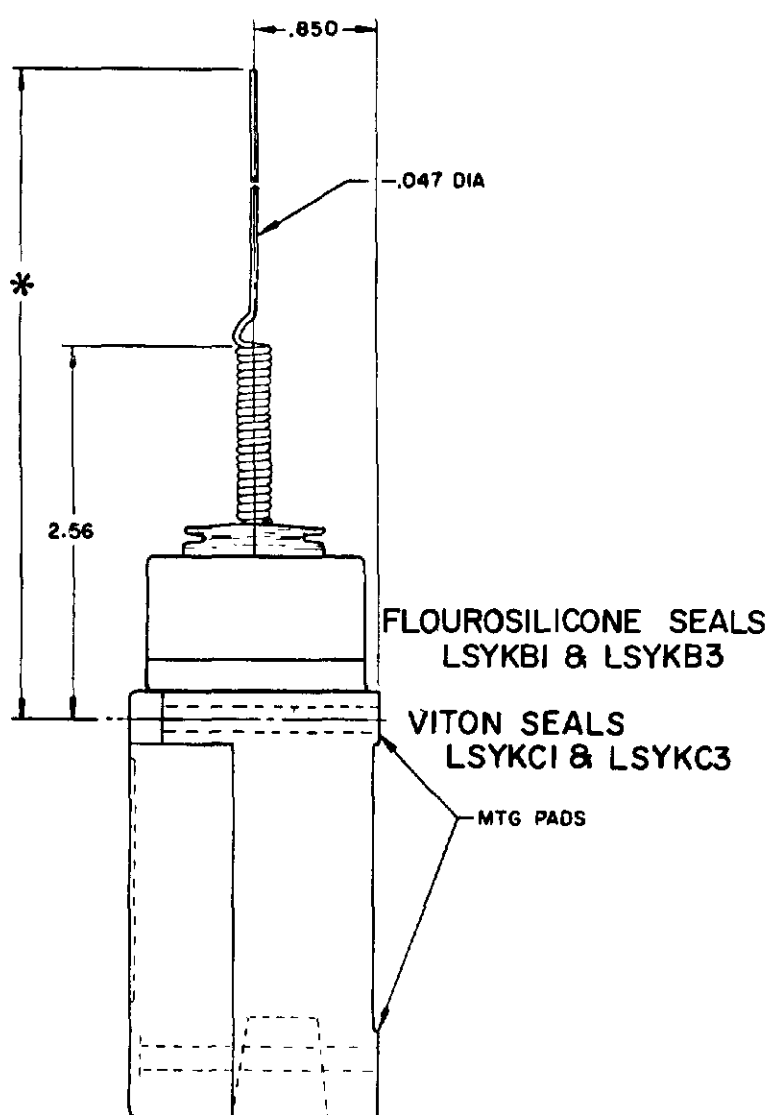
LSYJB6 & LSYJB7 HAVE 1/2-14 NPT CONDUIT HOLE

VITON SEALS LSYJC2 & LSYJC4
LSYJC6 & LSYJC7 HAVE 1/2-14 NPT CONDUIT HOLE

REPLACEMENT ACTUATOR LSZ 4010

CAT WHISKER

SINGLE POLE



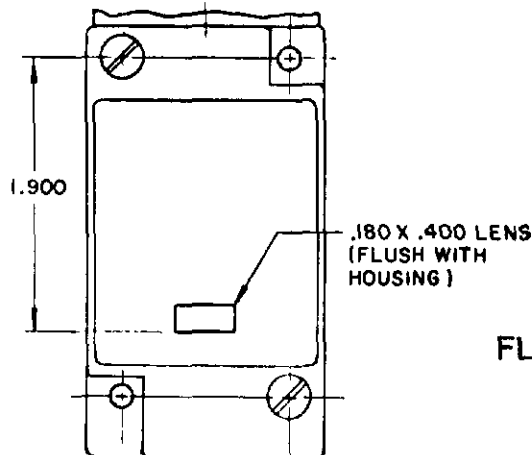
FLOUROSILICONE SEALS
LSYKB1 & LSYKB3

VITON SEALS
LSYKC1 & LSYKC3

WIRE EXTENSION

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

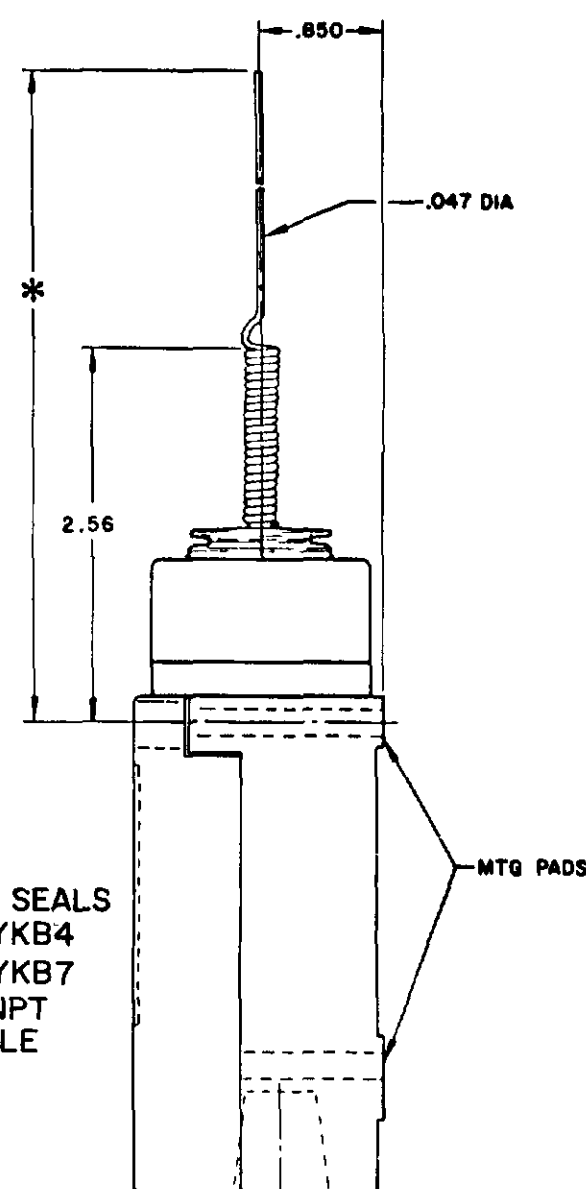
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



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

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

DOUBLE POLE



FLOUROSILICONE SEALS
LSYKB2 & LSYKB4
LSYKB6 & LSYKB7
HAVE 1/2-14 NPT
CONDUIT HOLE

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

MICRO SWITCH
FREEDPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL
FED. REG. CODE 91999

SWITCH-ENCLOSED

CHART 1

LSY SERIES

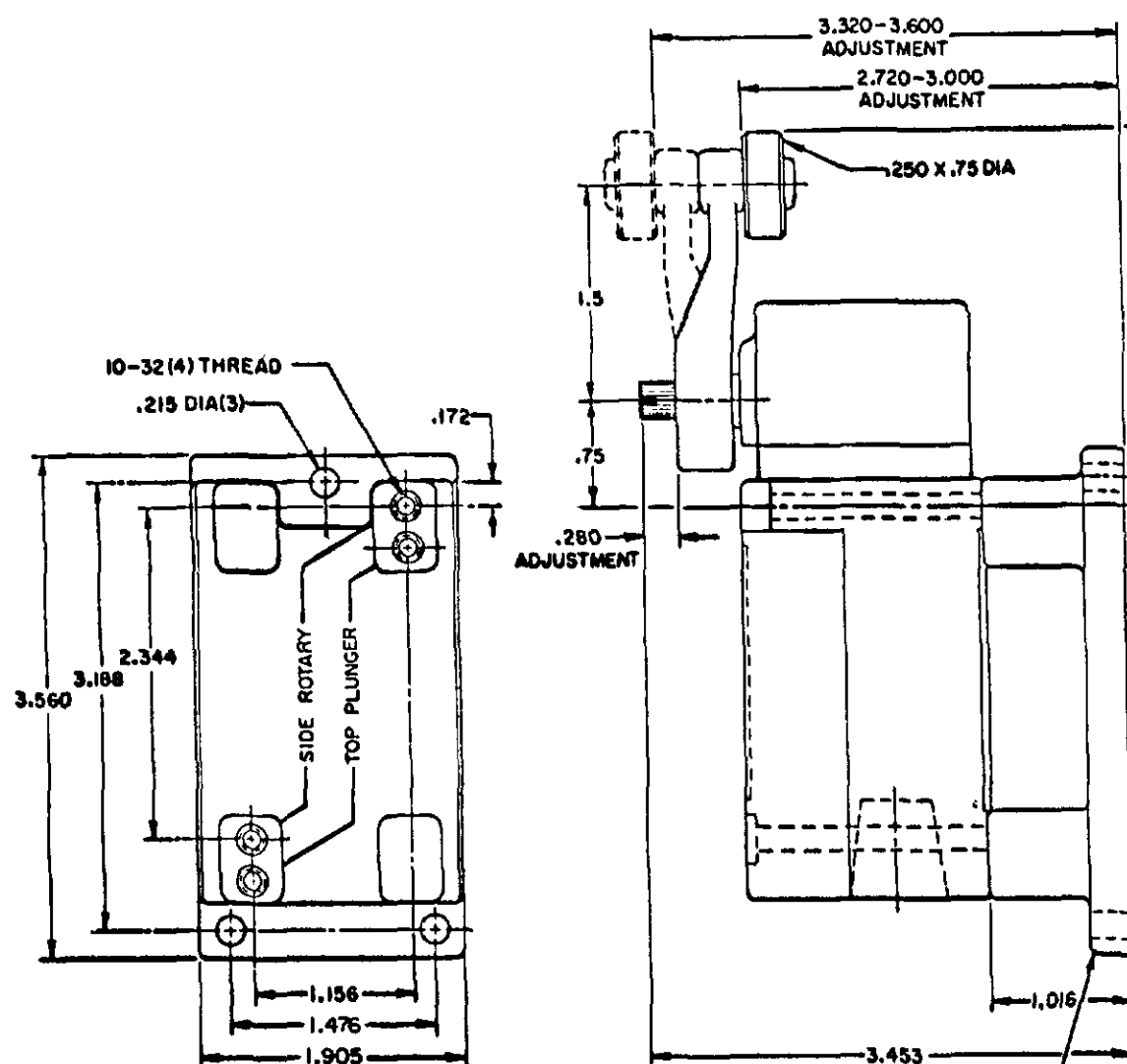
SCALE NONE
DO NOT SCALE PRINT

	CAT WHISKER			WOBBLE STICK		
	5 1/2" COIL	5 1/2" WIRE	7 1/2" WIRE	ROD	CABLE	WIRE
PRETRAVEL (APPROX) IN. RADIUS	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

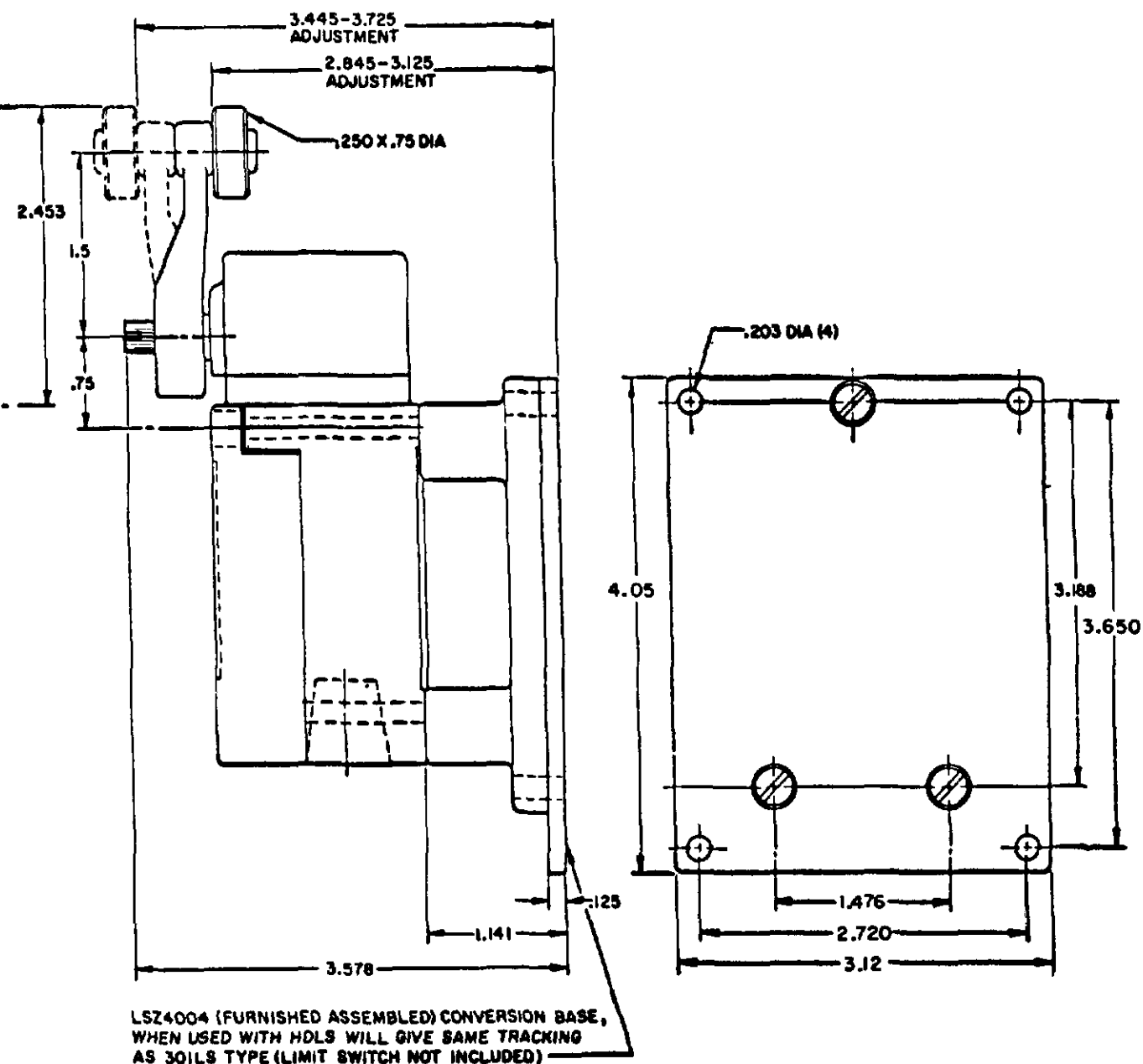
NOTE-
1 - ALL UNITS AVAILABLE WITH
FLOUROSILICONE AND VITON SEALS

CONVERSION BASES

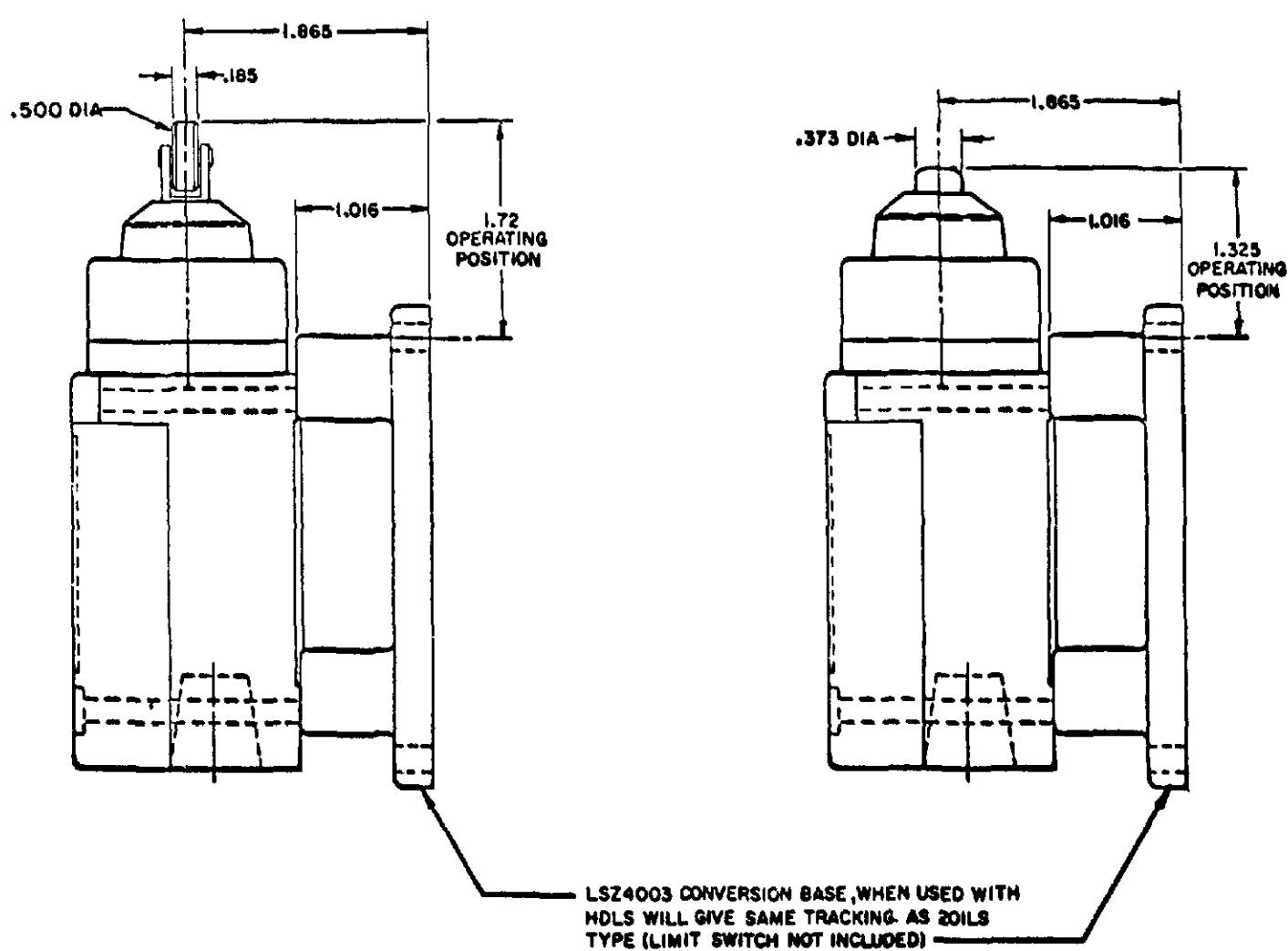
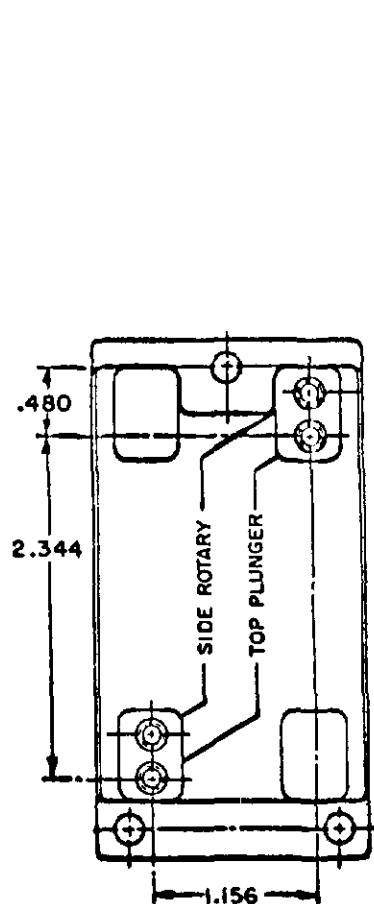
SINGLE POLE (SIDE ROTARY) LSZ 4003



DOUBLE POLE (SIDE ROTARY) LSZ4004



SINGLE POLE TOP PLUNGER LSZ4003



MICRO SWITCH
A DIVISION OF HONEYWELL
FREEPORT, ILLINOIS U.S.A.
FID. MFG. CODE 9188

SWITCH - ENCLOSED

LSY SERIES
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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