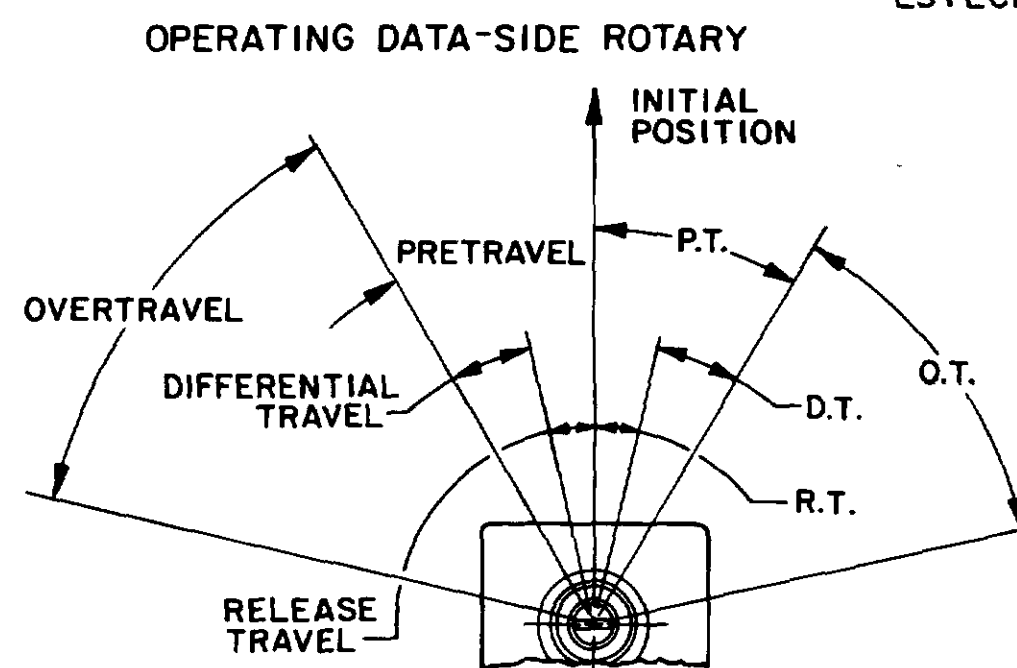
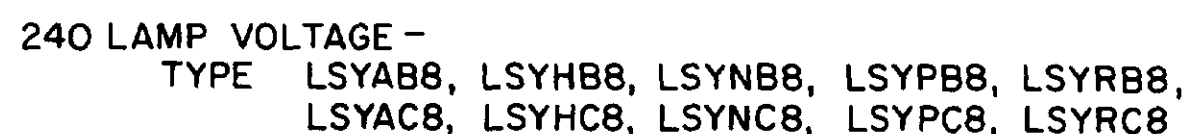
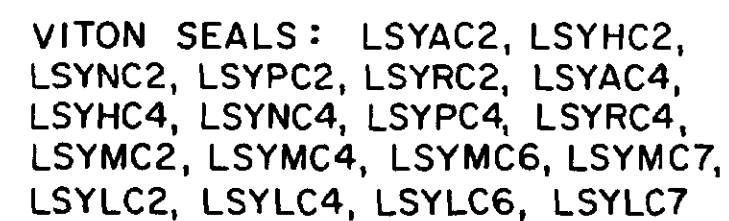


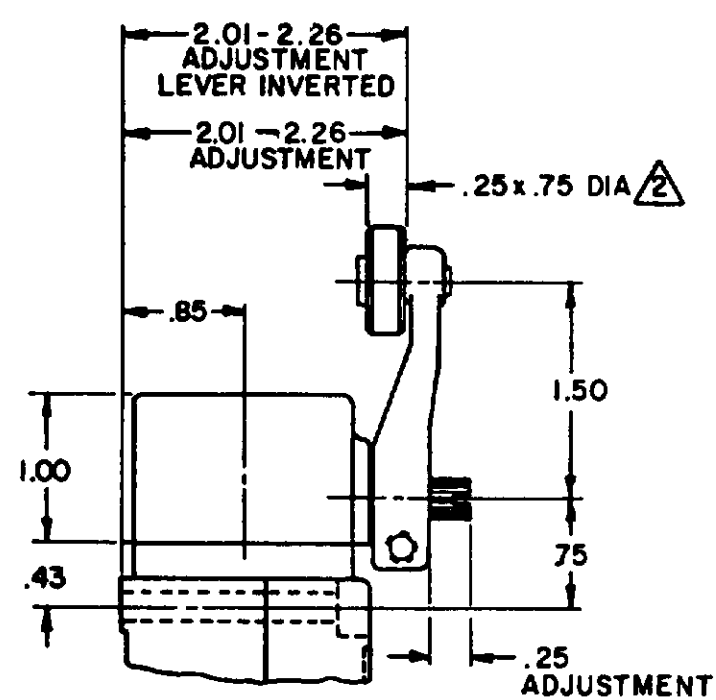
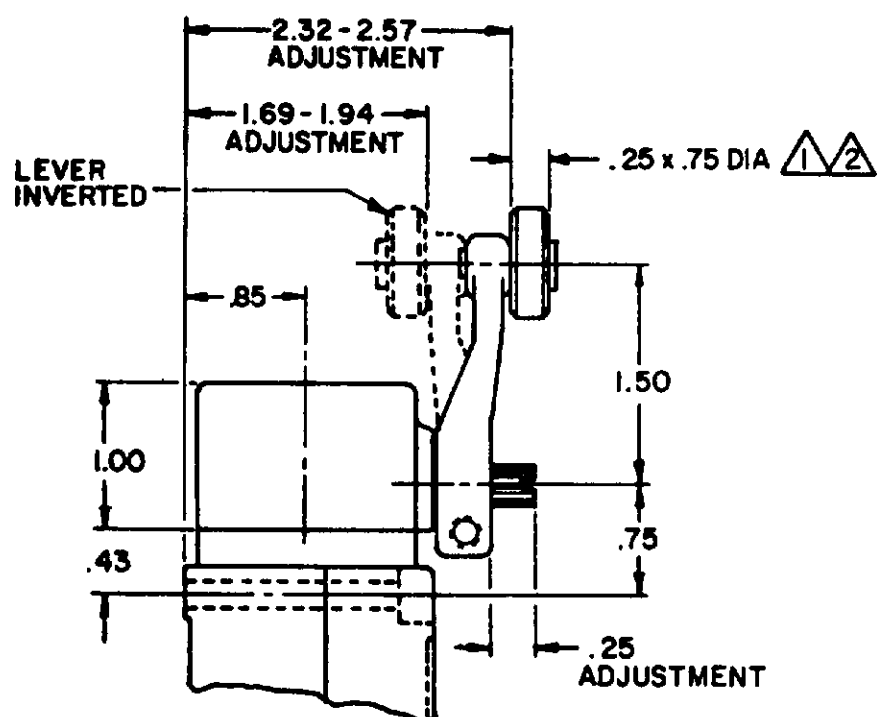
DOUBLE POLE



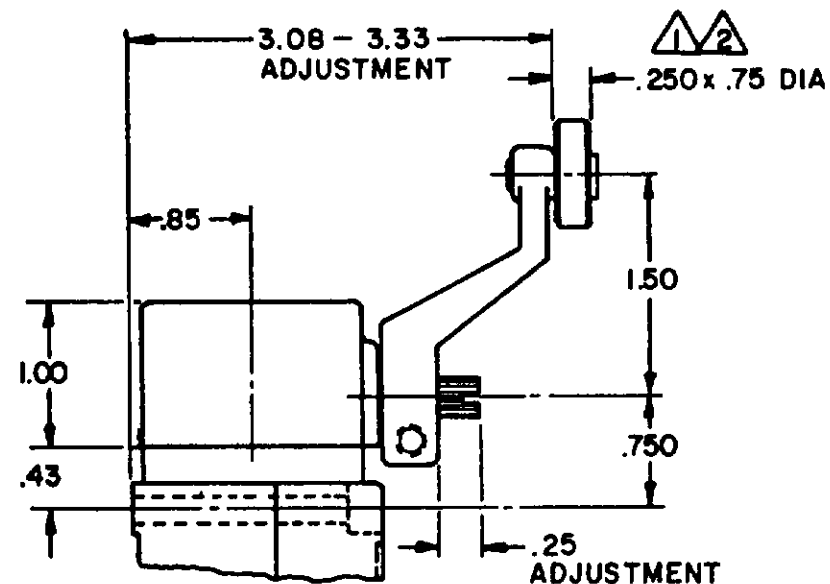
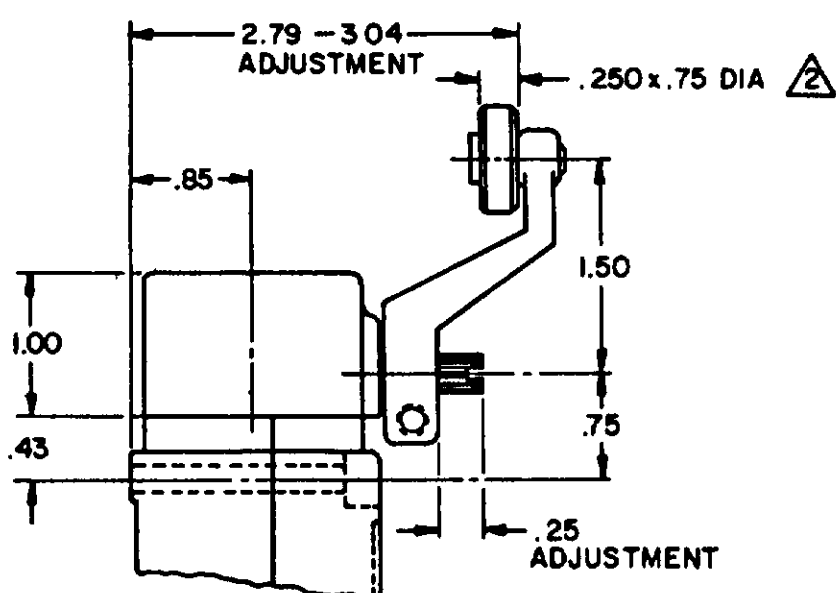
Technical drawing of a rectangular panel with the following dimensions and labels:

- Width: 1.156
- Height: 2.344
- Internal height: 2.250
- Labels:
 - SEAL GASKET (pointing to the top edge)
 - .500 DIA HOLE (.625 DIA MAX PANEL HOLE RECOMMENDED) (pointing to a hole on the left side)
 - NO CONDUIT HOLE (pointing to the bottom edge)

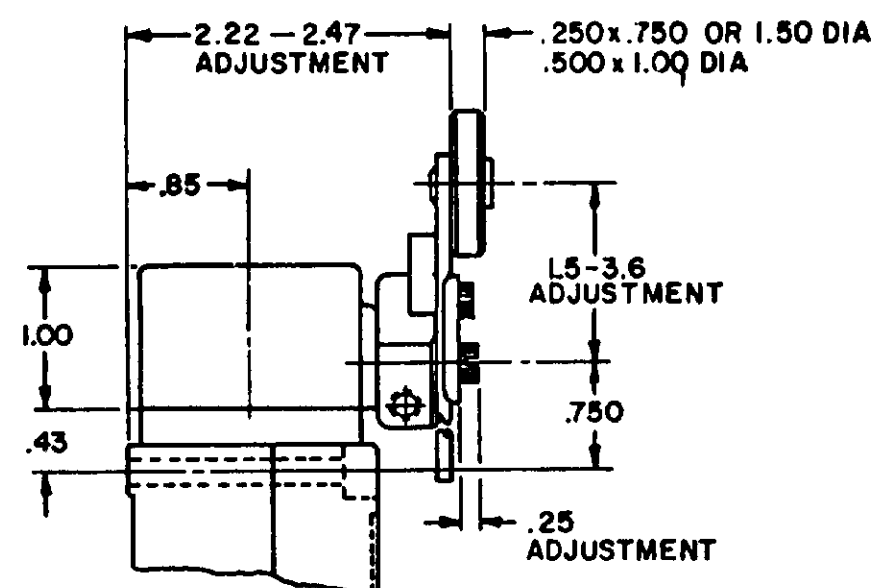
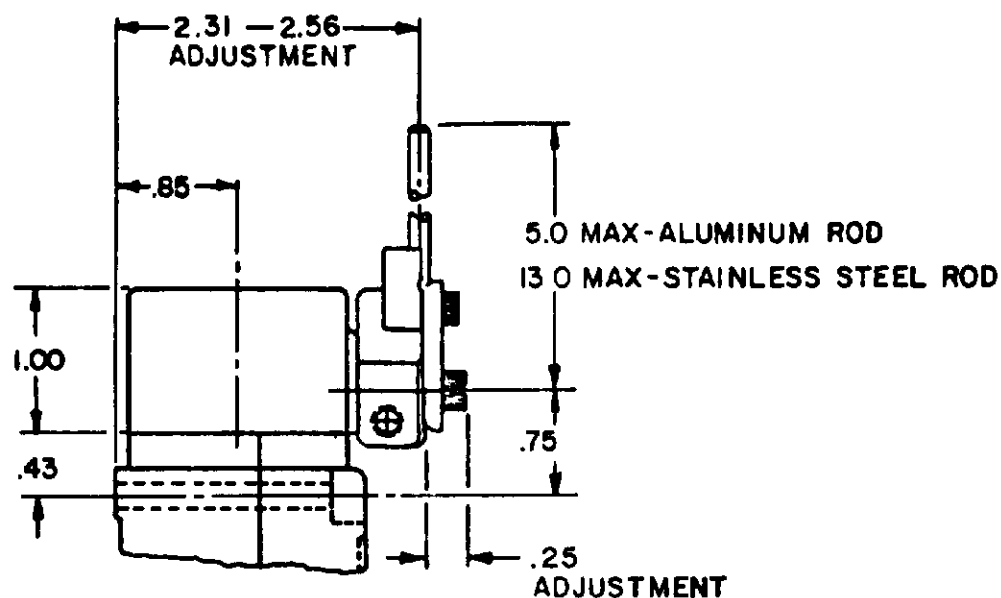
SIDE ROTARY CAM TRACKING



LSZ51 TYPE LEVERS

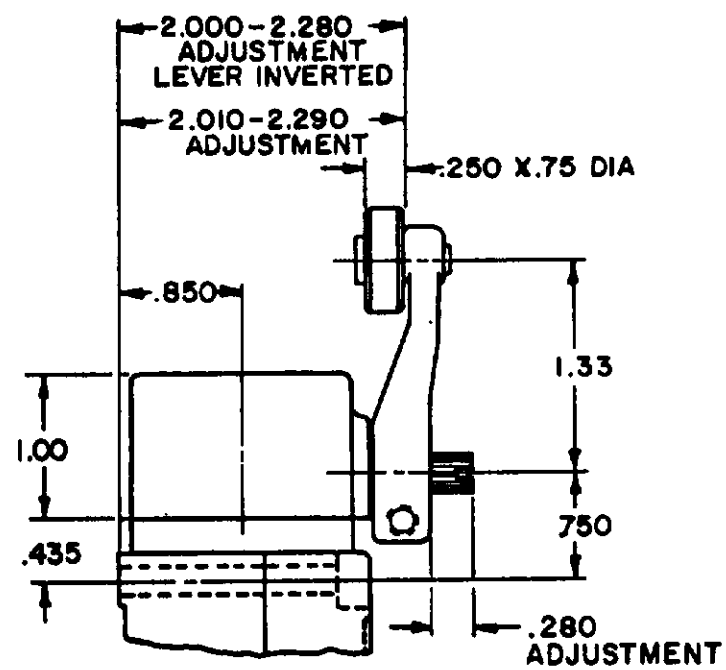
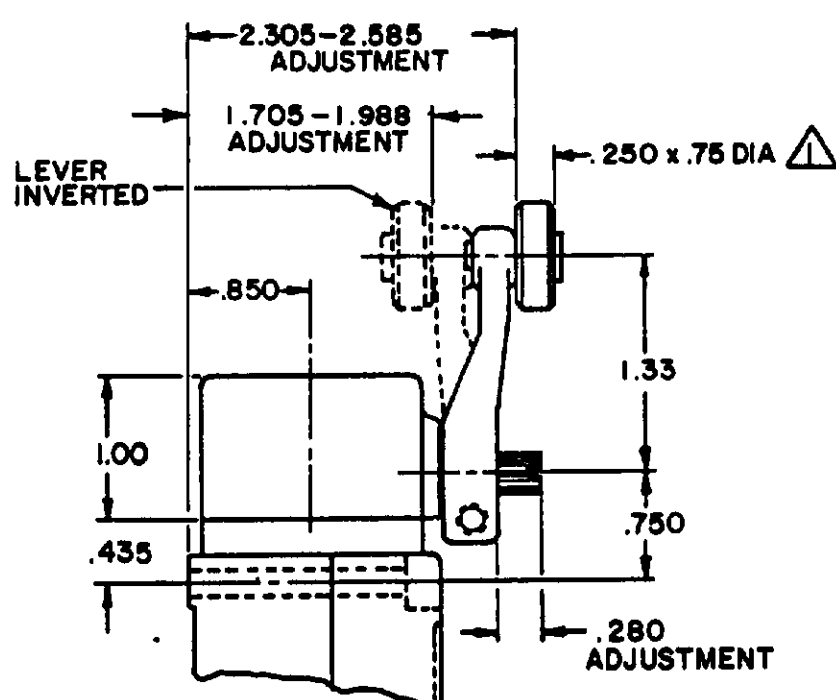


LSZ55 TYPE LEVERS



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

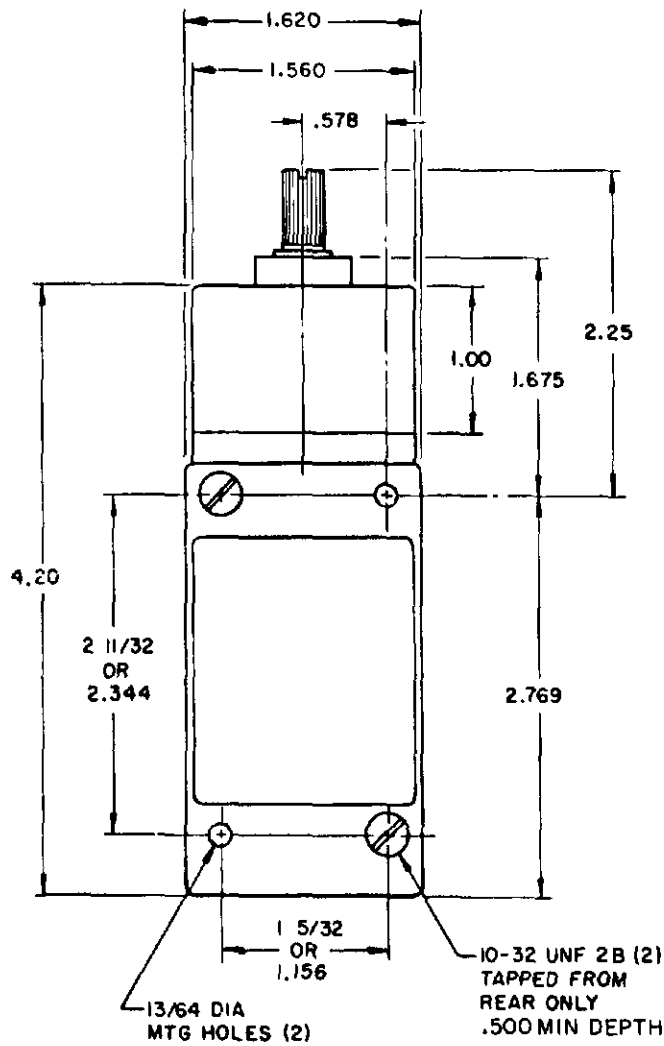
TWO PLACE (.00) ± .015

THREE PLACE (.000) ± .005

ANGLES ±

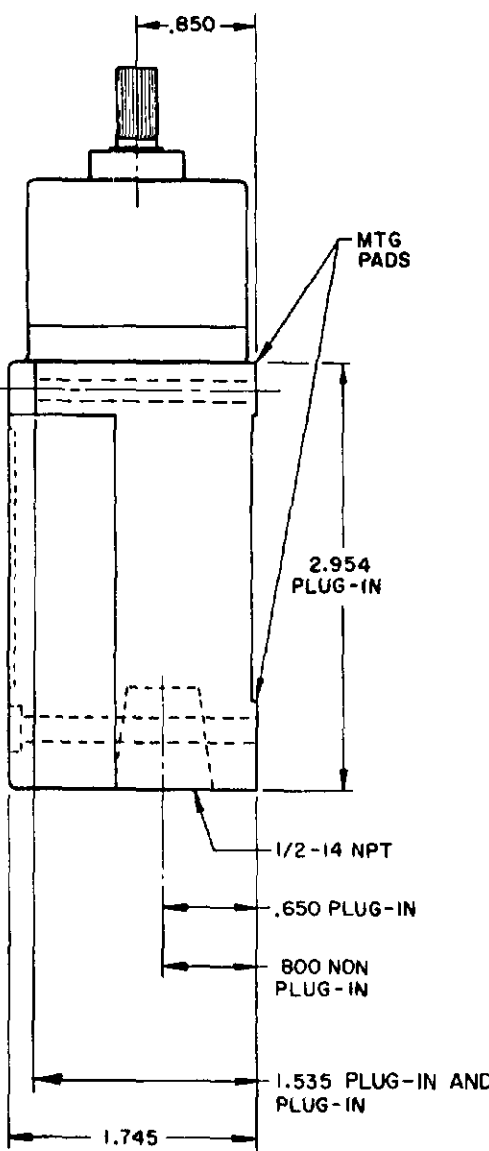
TOP ROTARY

SINGLE POLE

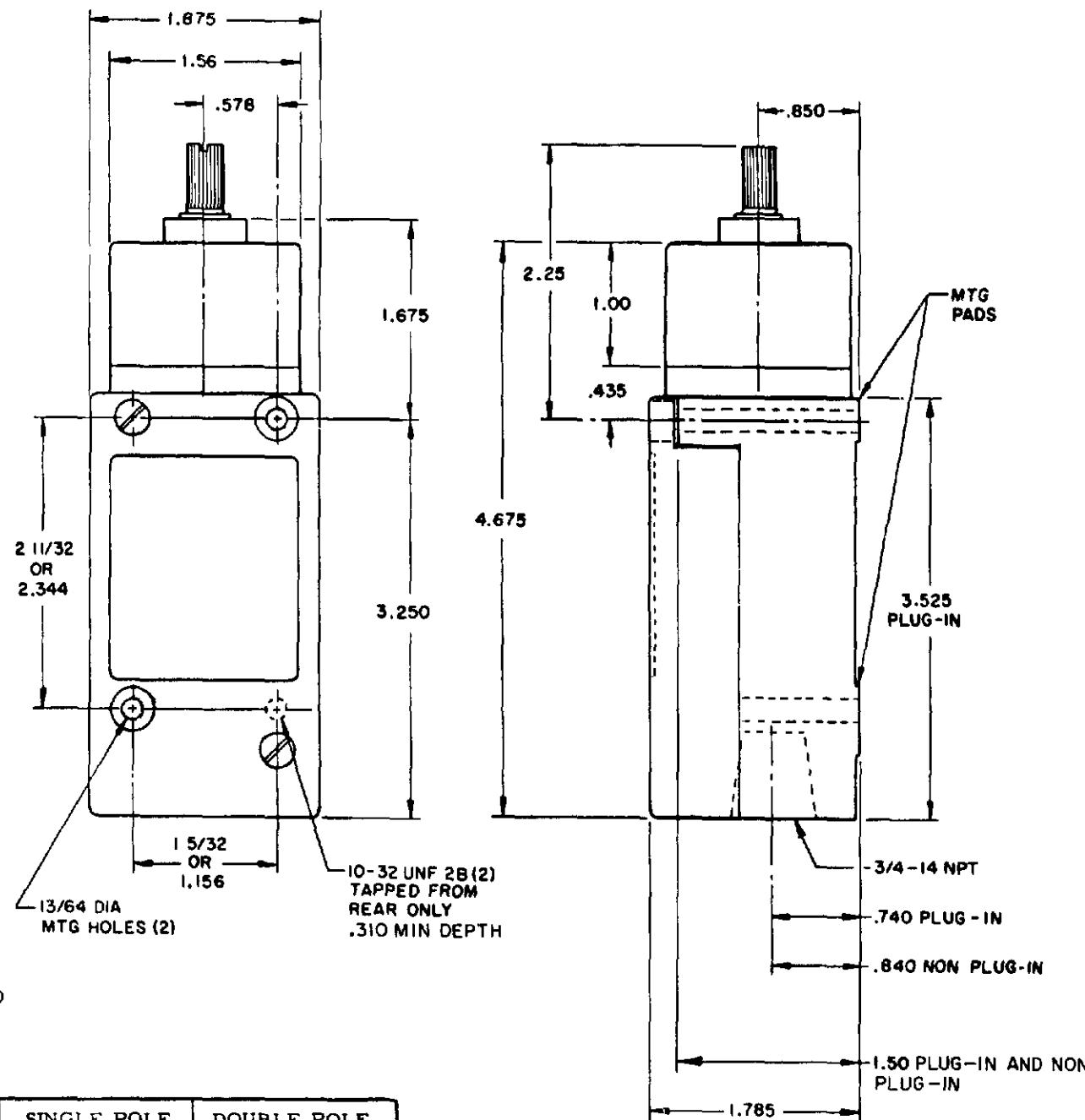


FLOUROSILICONE SEALS
LSYBB1 & LSYBB3

VITON SEALS
LSYBC1 & LSYBC3



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

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

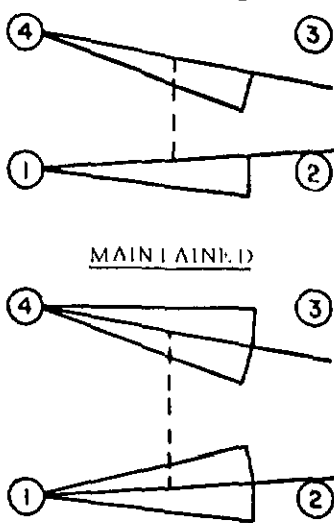
D.C. VOLTAGE	MAKE & BREAK INDUCTIVE	RESISTIVE
120	0.25	0.80
240	0.15	0.40

ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT.

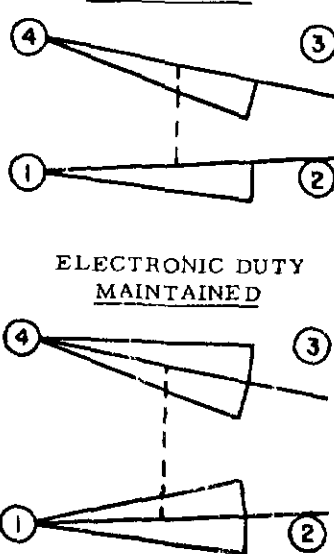
VOLTAGE	
5 AC OR DC MIN	.01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

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

SINGLE POLE
MOMENTARY



SINGLE POLE
ELECTRONIC DUTY
MOMENTARY

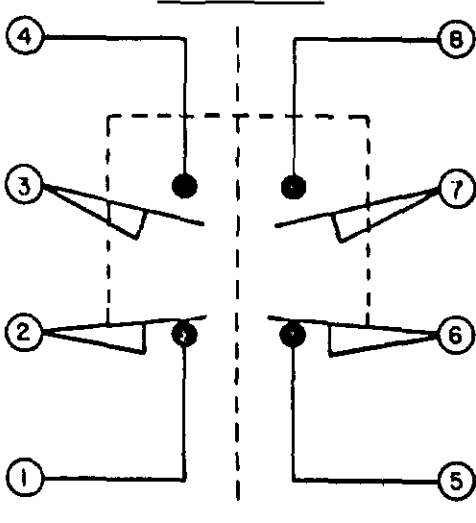


DIRECT ACTING

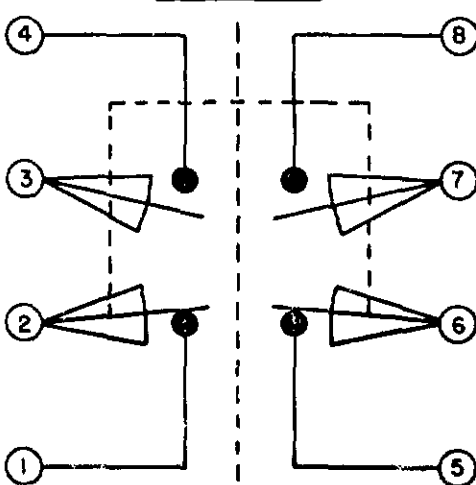


DOUBLE POLE

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

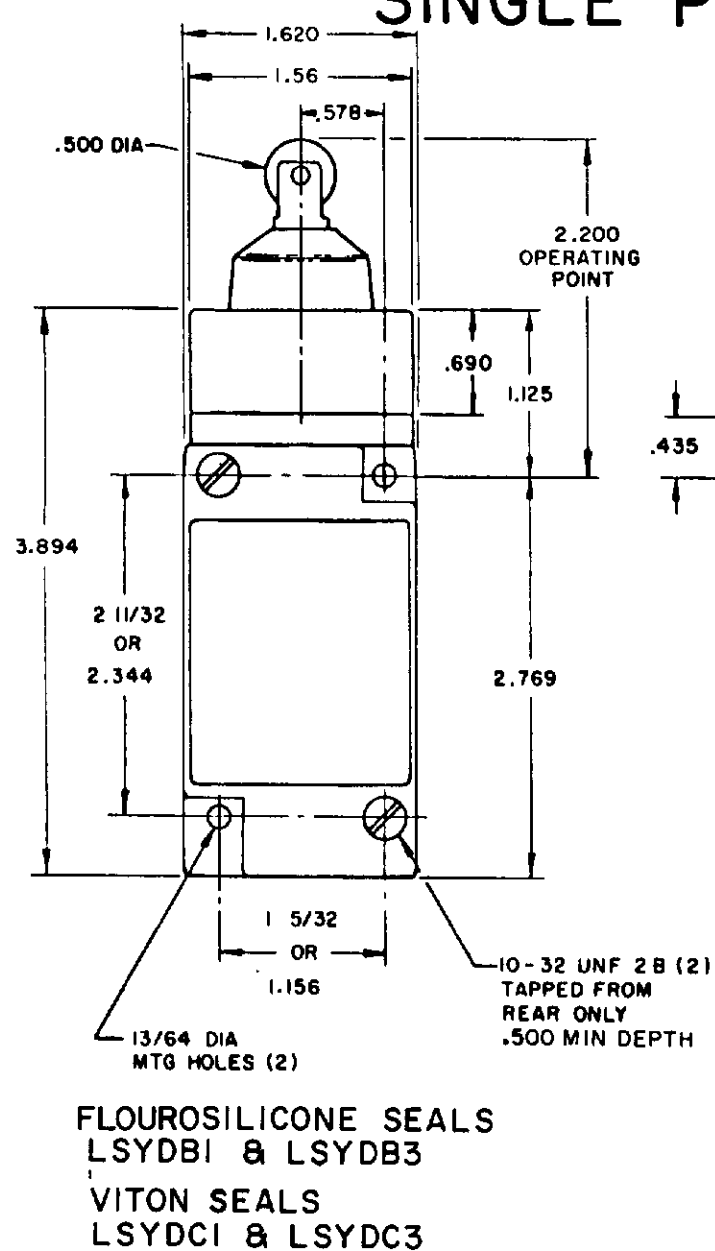
MICRO SWITCH
A DIVISION OF HONEYWELL
FREEPORT, L.I., N.Y. U.S.A.
FED. REG. CODE 91918

SWITCH - ENCLOSED

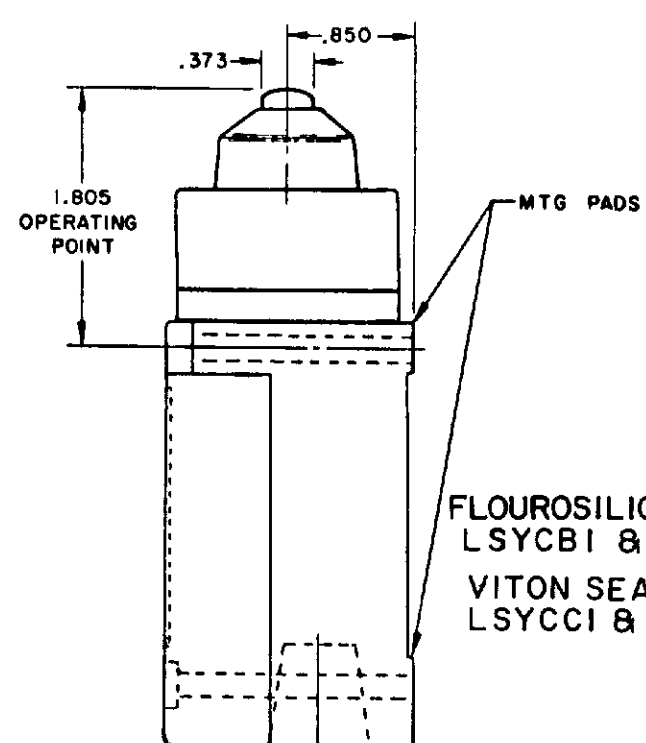
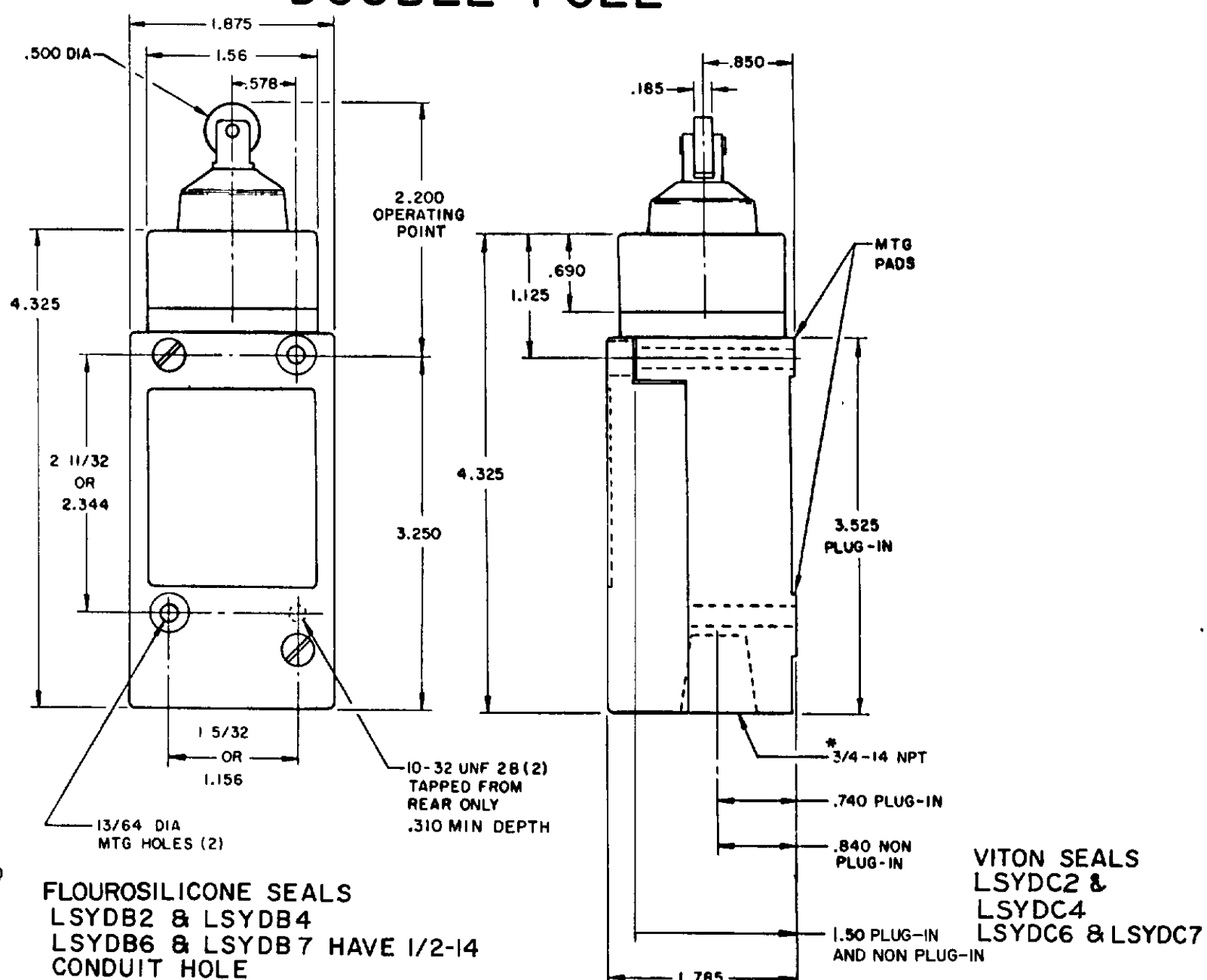
LSY SERIES
CHART 1

PLUNGER TYPE TOP

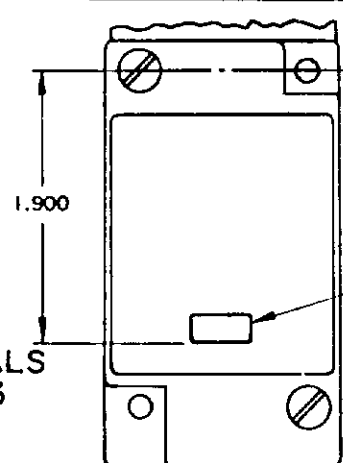
SINGLE POLE



DOUBLE POLE

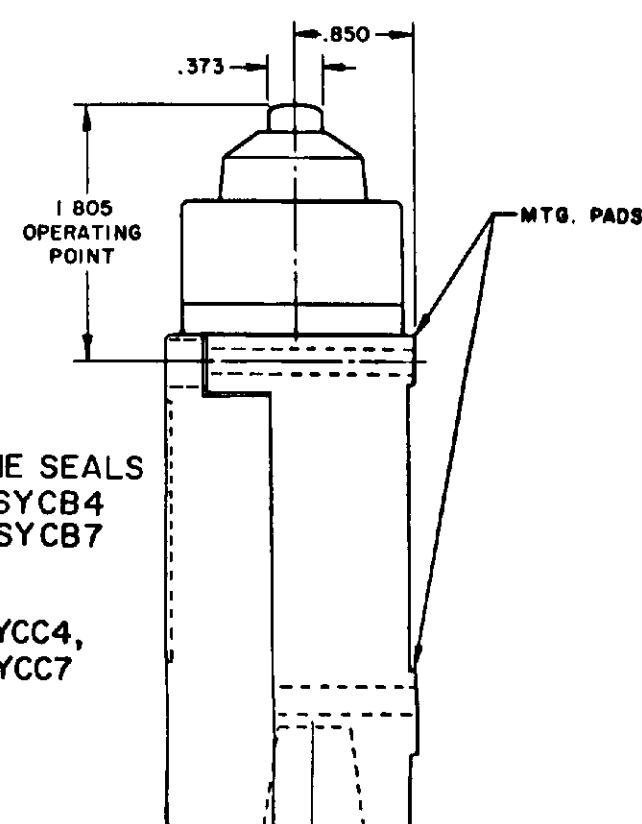


SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



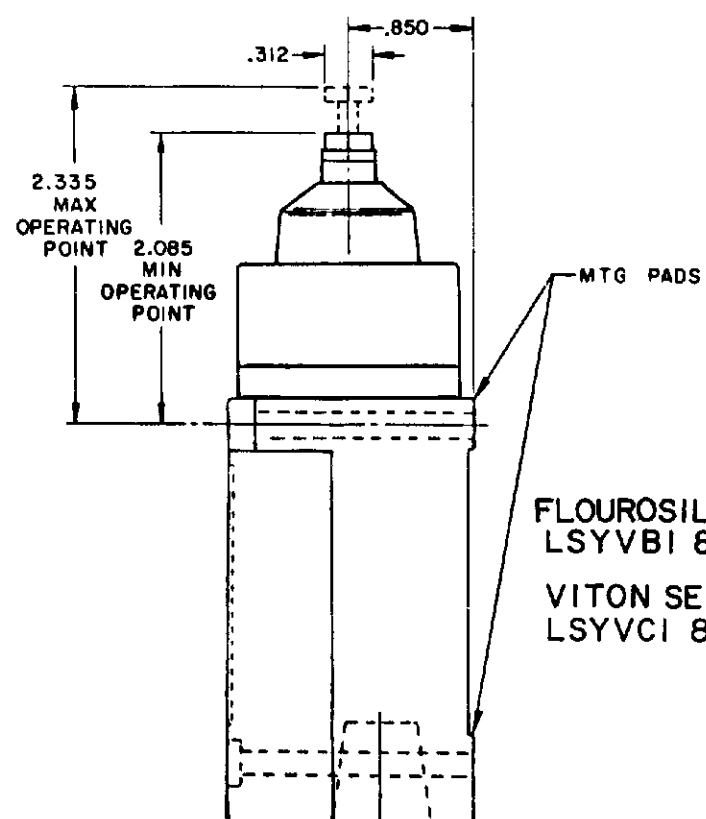
FLOUROSILICONE SEALS
LSYCB1 & LSYCB3
VITON SEALS
LSYCC1 & LSYCC3

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

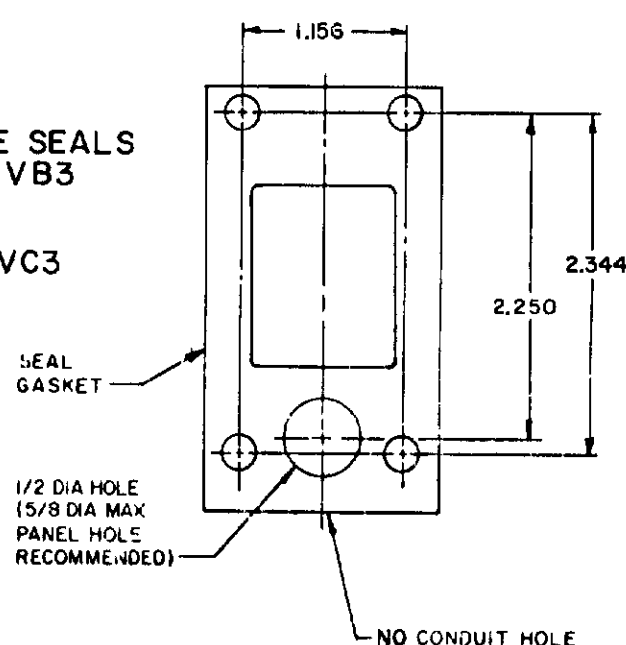


FLOUROSILICONE SEALS
LSYCB2 & LSYCB4
LSYCB6 & LSYCB7

VITON SEALS
LSYCC2 & LSYCC4,
LSYCC6 & LSYCC7



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



FLOUROSILICONE SEALS
LSYVBI & LSYVB3

VITON SEALS
LSYVCI & LSYVC3

FLOUROSILICONE SEALS
LSYVB2 & LSYVB4,
LSYVB6 & LSYVB7

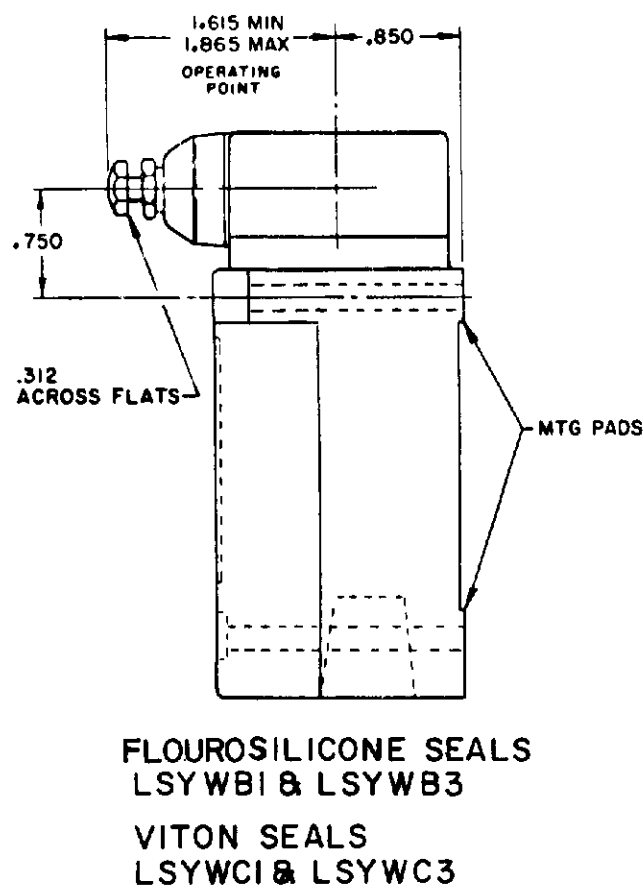
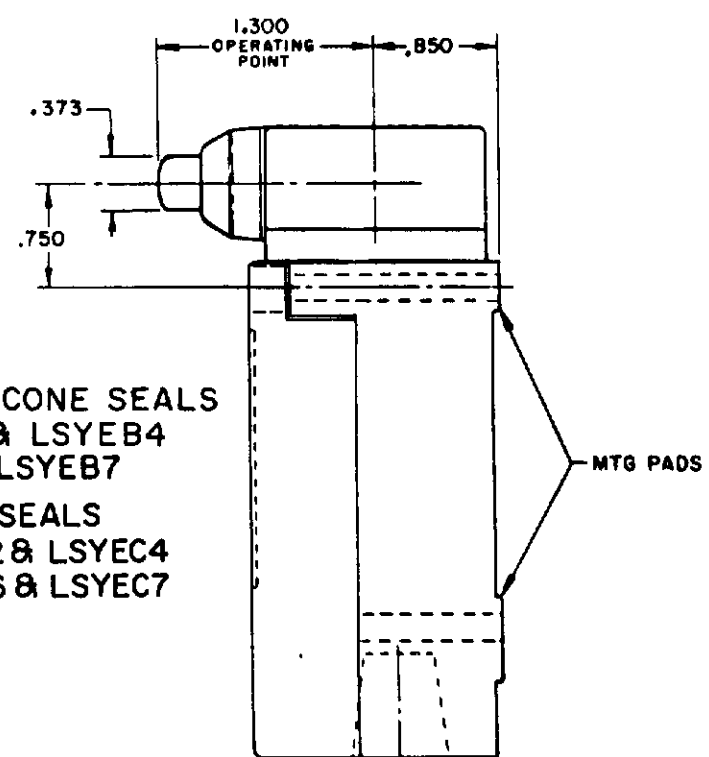
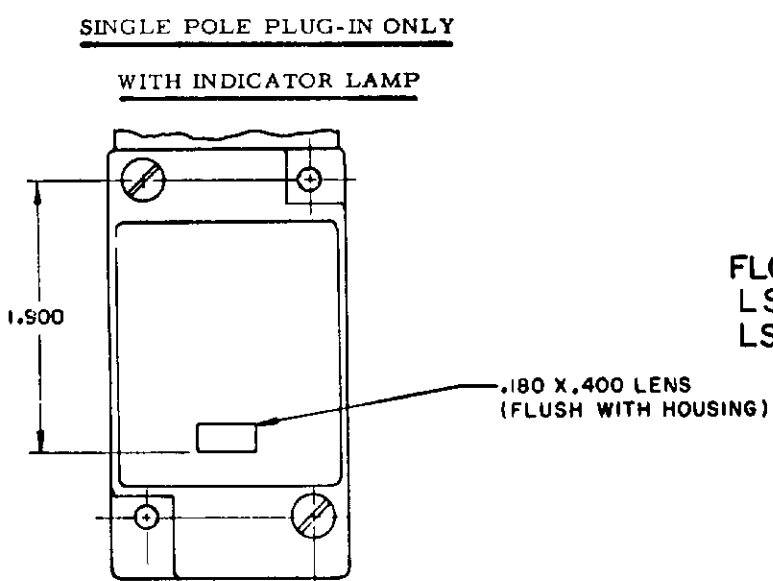
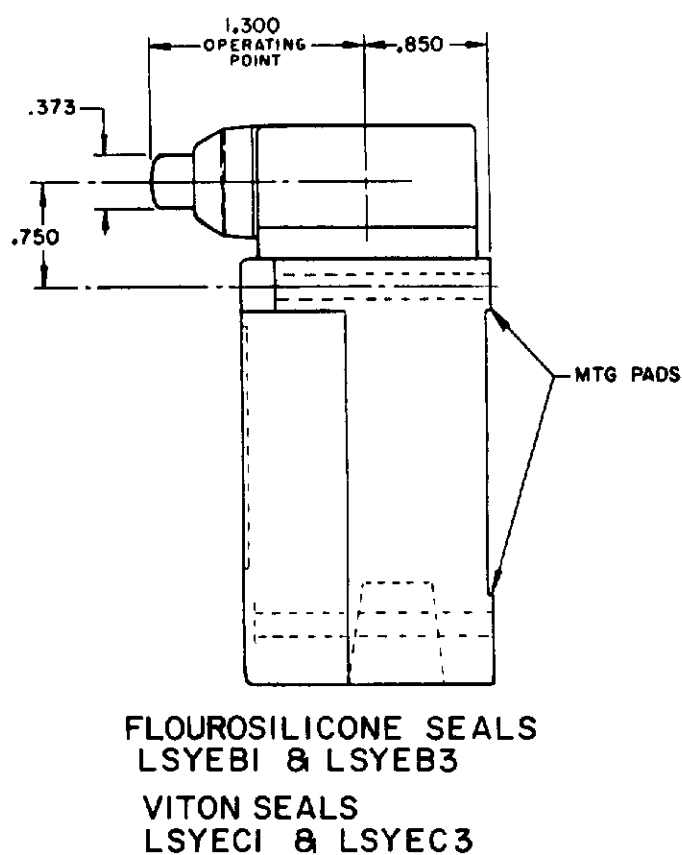
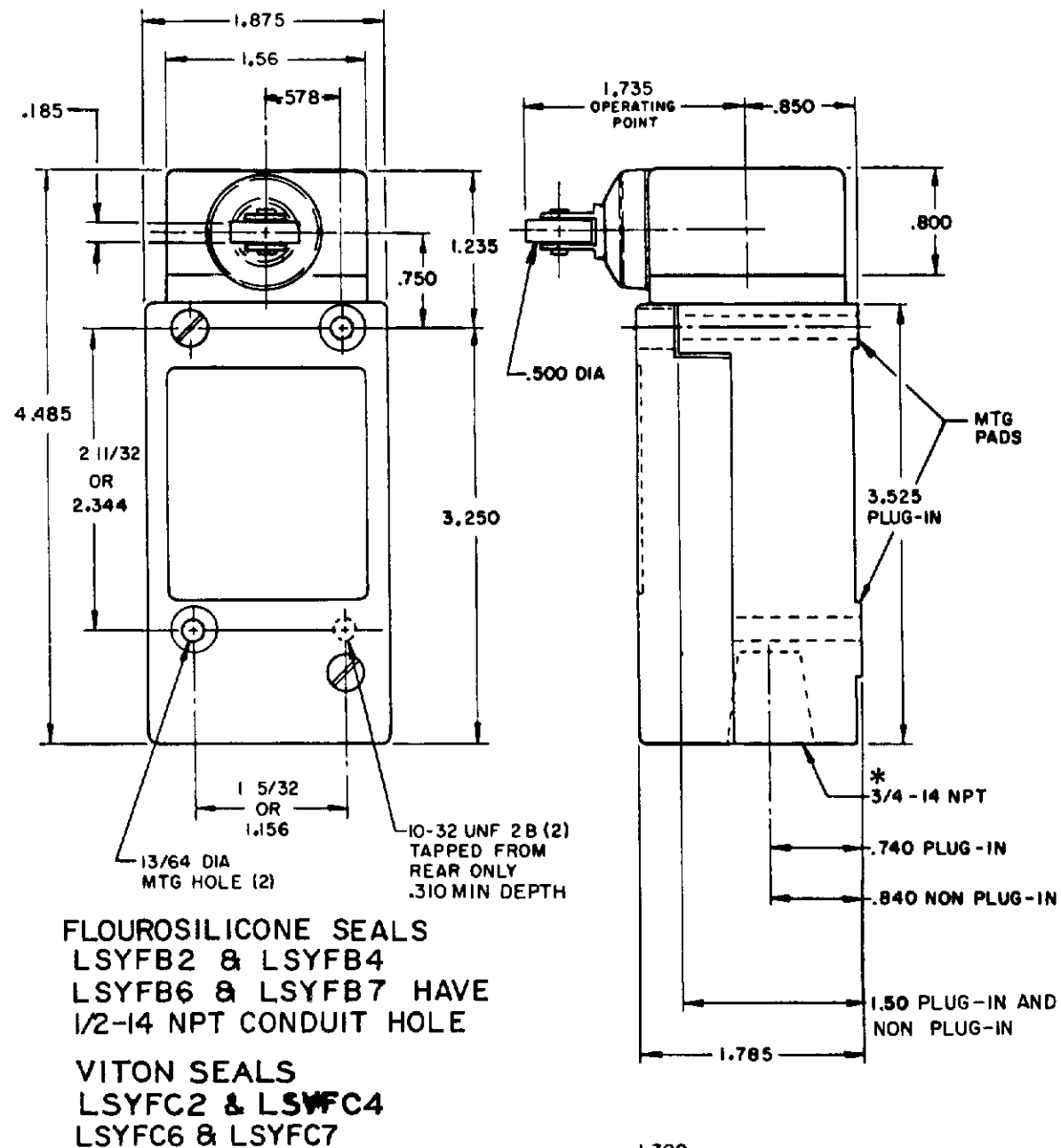
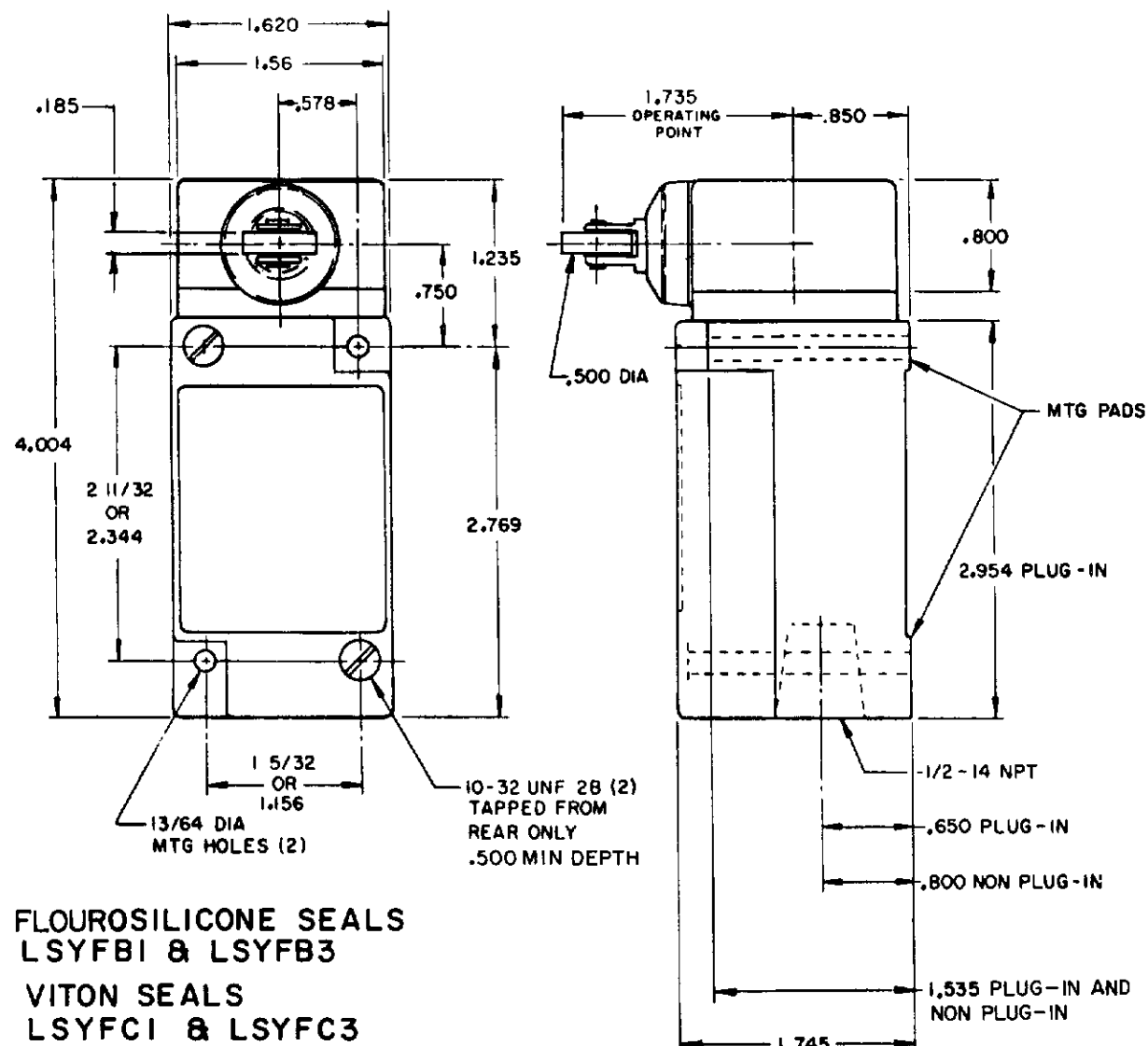
VITON SEALS
LSYVC2 & LSYVC4,
LSYVC6 & LSYVC7

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

SIDE PLUNGER TYPE

SINGLE POLE

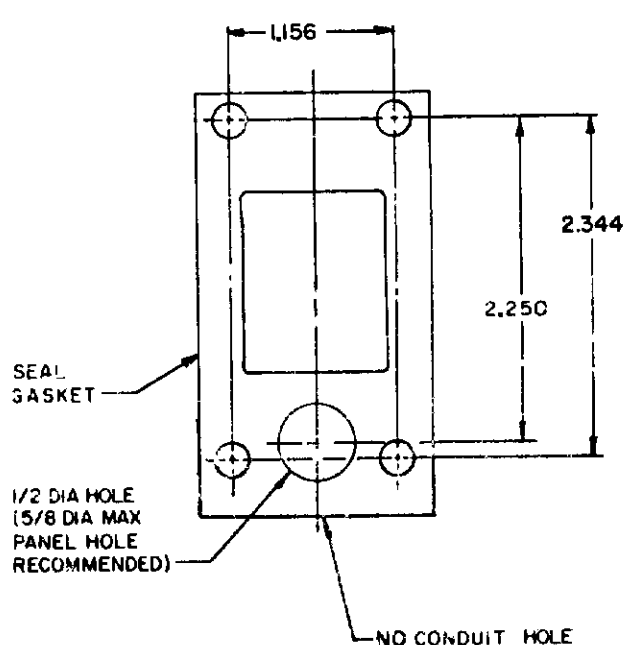
DOUBLE POLE



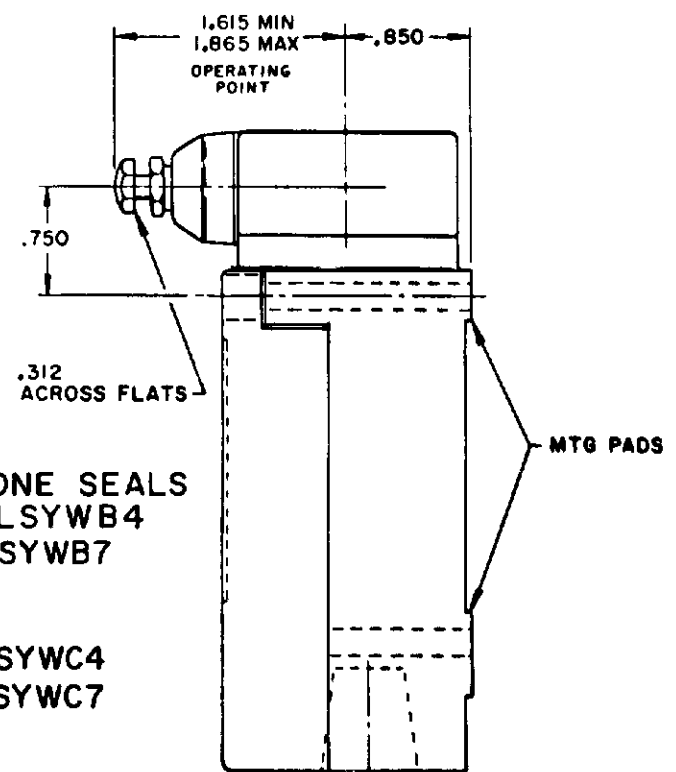
120 LAMP VOLTAGE -
LSYFB5, LSYEB5, LSYWB5
LSYFC5, LSYEC5, LSYWC5

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

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



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



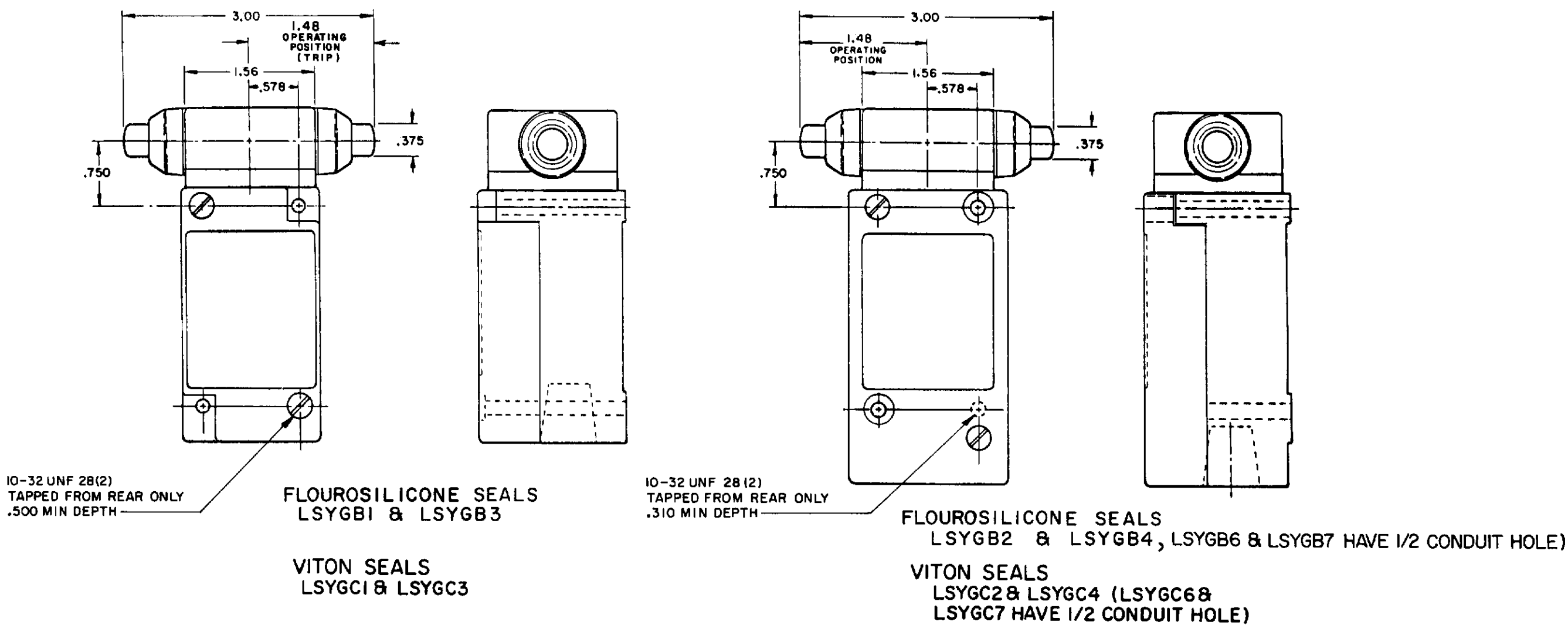
NOTES:
1 - ALL UNITS AVAILABLE WITH
FLOUROSILICONE AND VITON SEALS

MICRO SWITCH
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FED. REG. CO. 9-438

SWITCH - ENCLOSED

LSY SERIES
CATALOG LISTING
CHART 1

SCALE NONE
DO NOT SCALE PRINT



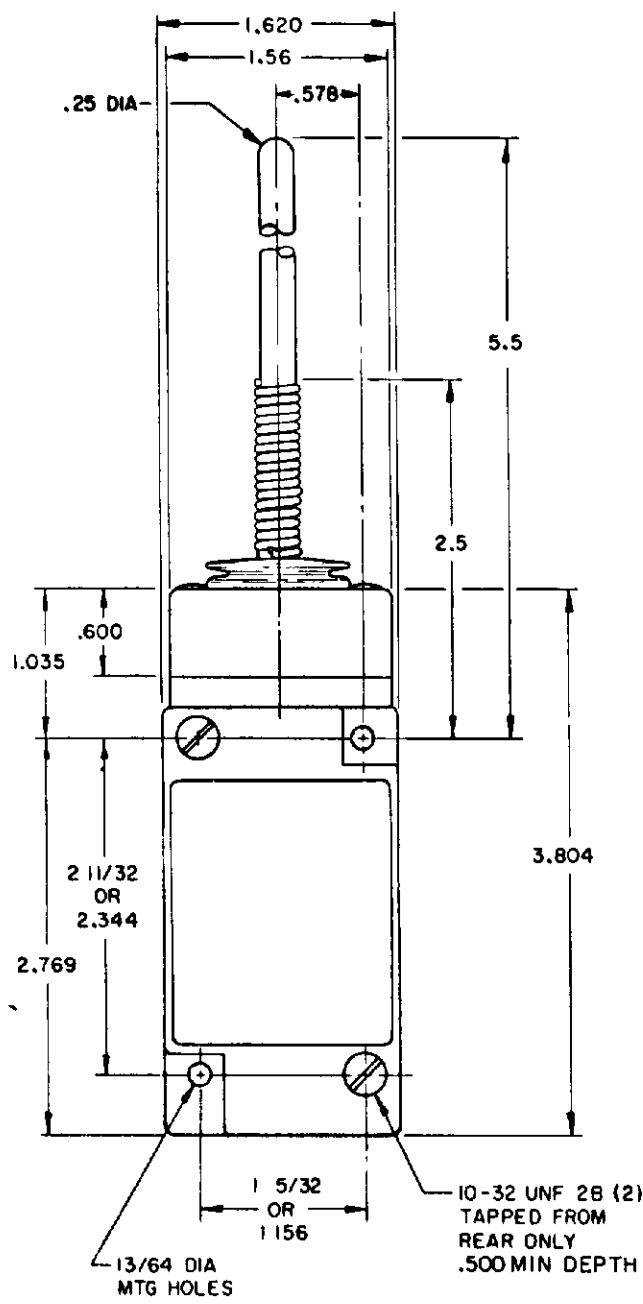
INITIAL POSITION (FREE POSITION) }
OPERATING POINT } PRETRAVEL
FULL TRAVEL } DIFFERENTIAL TRAVEL
OVERTRAVEL

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		

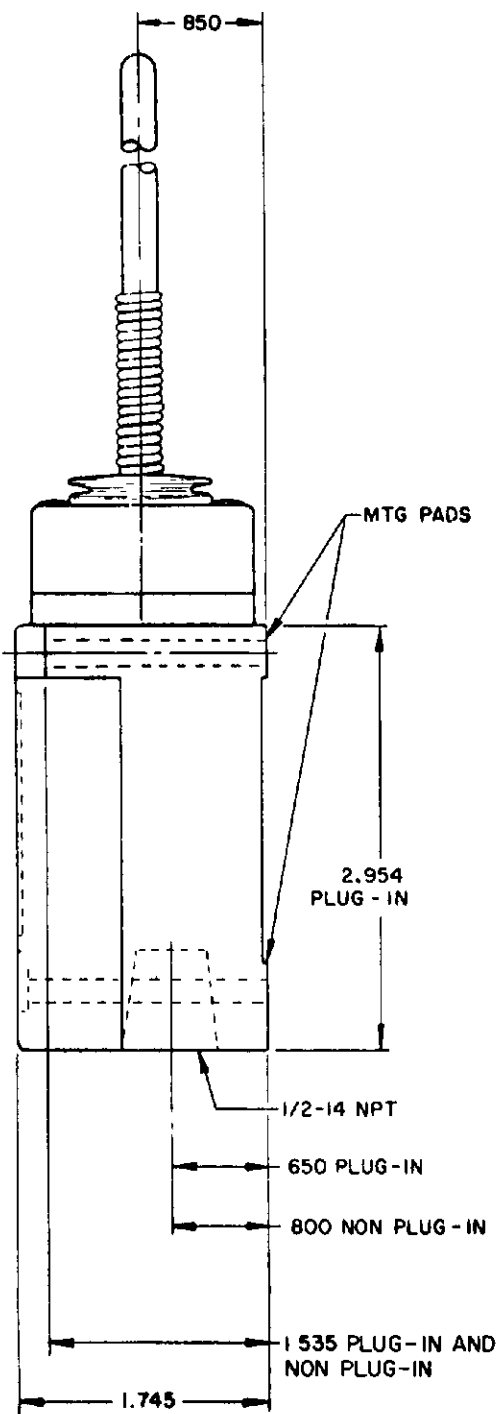
WOBBLE STICK

SINGLE POLE

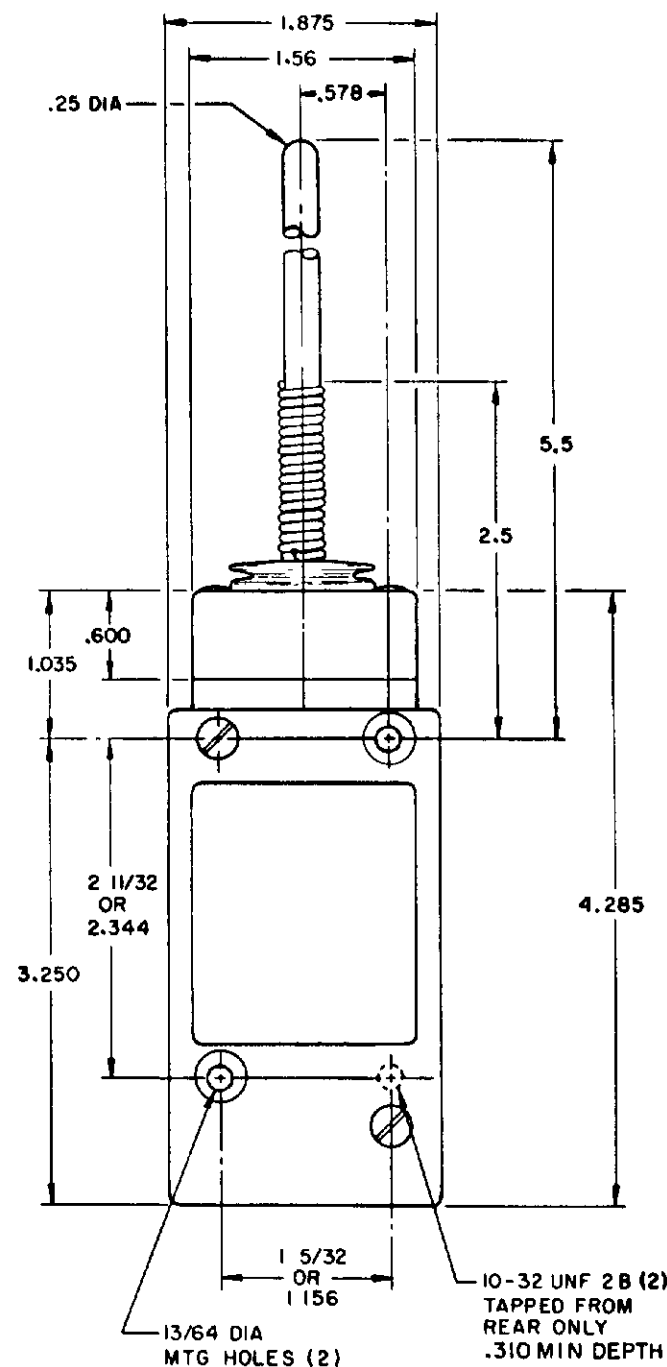
DOUBLE POLE



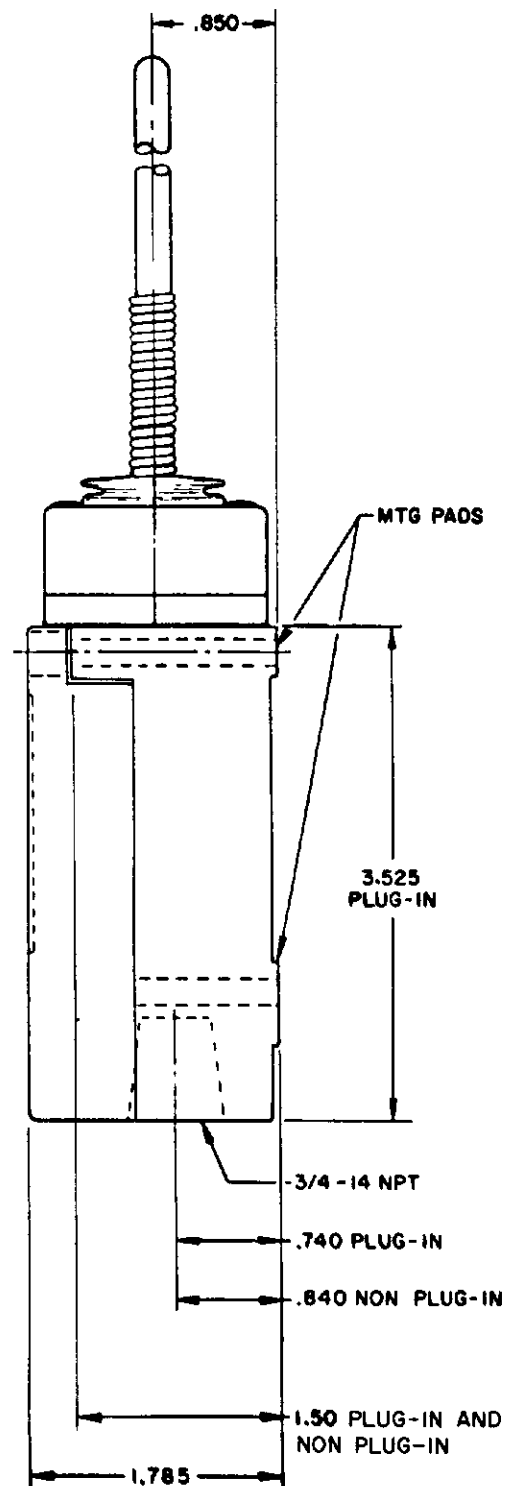
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



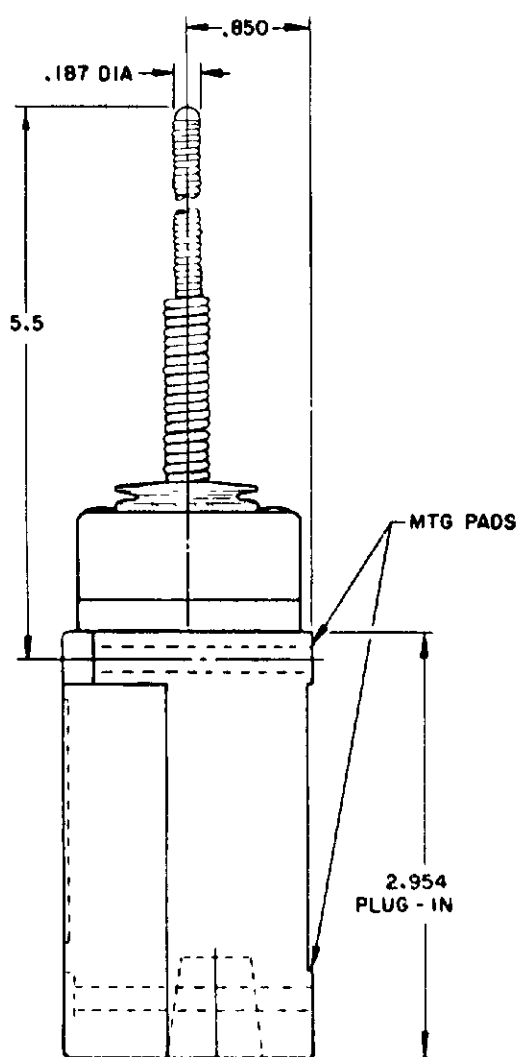
**REPLACEMENT ACTUATOR
LSZ 4009**



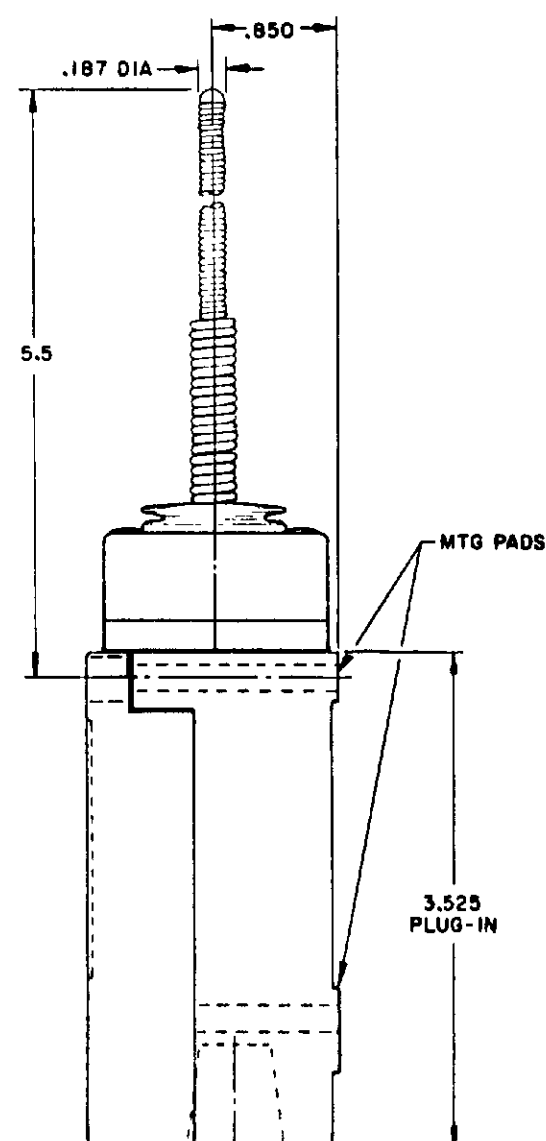
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



**REPLACEMENT ACTUATOR
LSZ 4011**

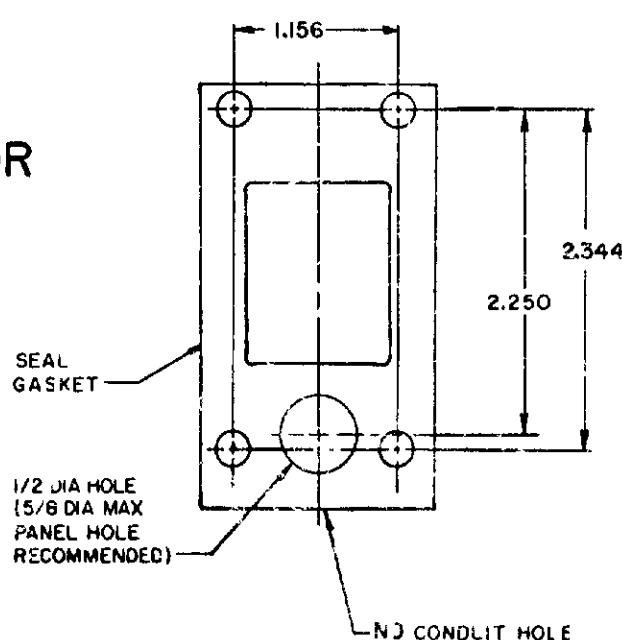


**CABLE EXTENSION
TYPE 7N ACTUATOR**



**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
FLOUROSILICONE AND VITON SEALS

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

SWITCH-ENCLOSED

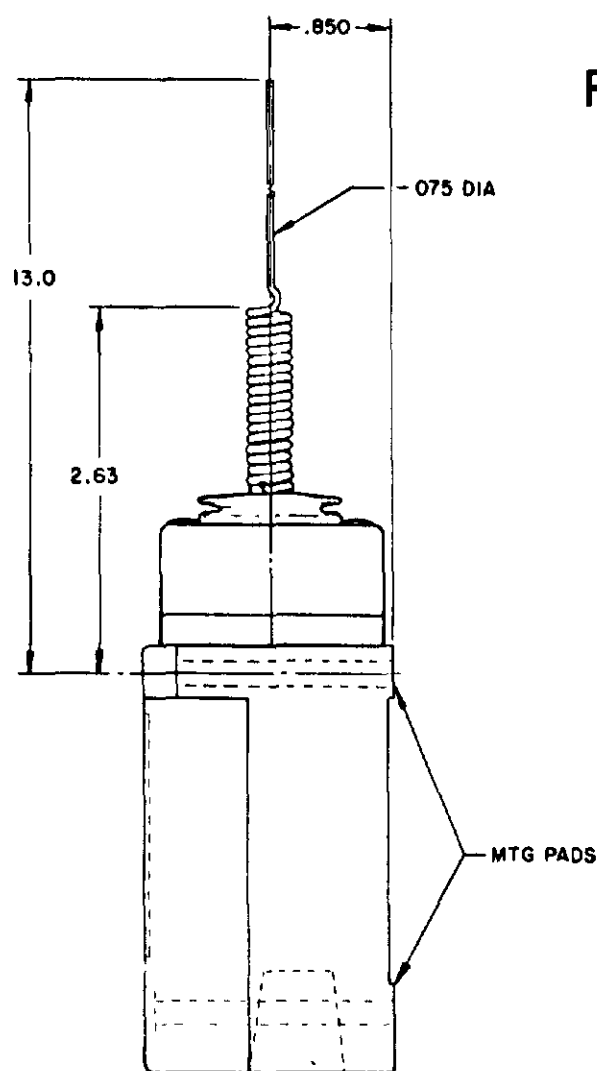
CHART 1

LSY SERIES

SCALE NONE
DO NOT SCALE PRINT

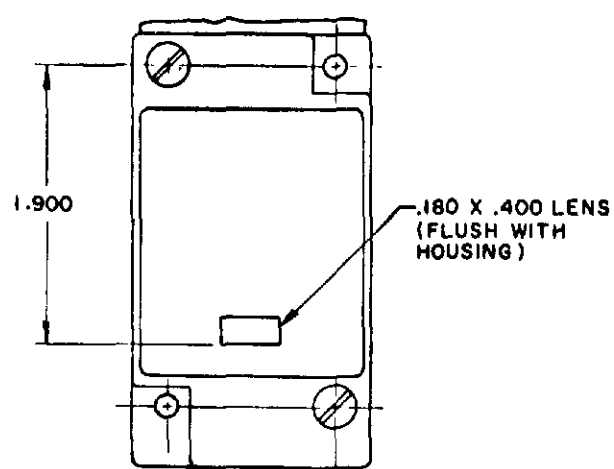
REV	DATE	BY	CHK	APP	DESCRIPTION
1	24 AUG 94	SAF	12 SEP 74	AK	19APR05
2	10 JUL 07	PSR			

ISSUE	CATALOG LISTING
7	LSY SERIES CHART 1
PAGE	8 OF 10
RELEASE NO	CO-78499
REPLACES	LSY SERIES

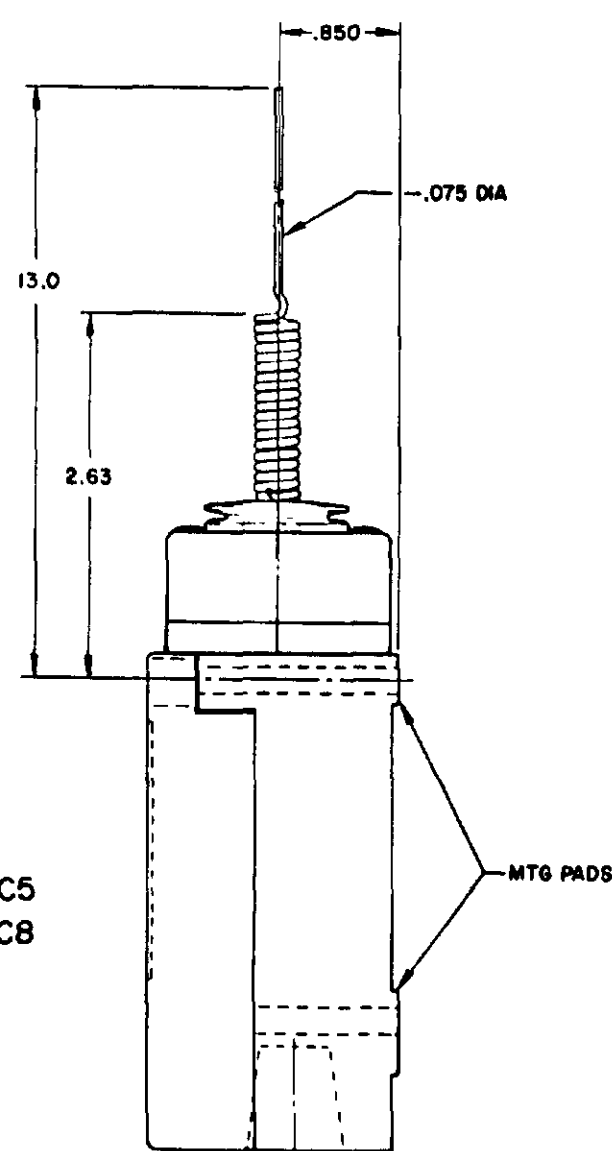


REPLACEMENT ACTUATOR LSZ4010

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

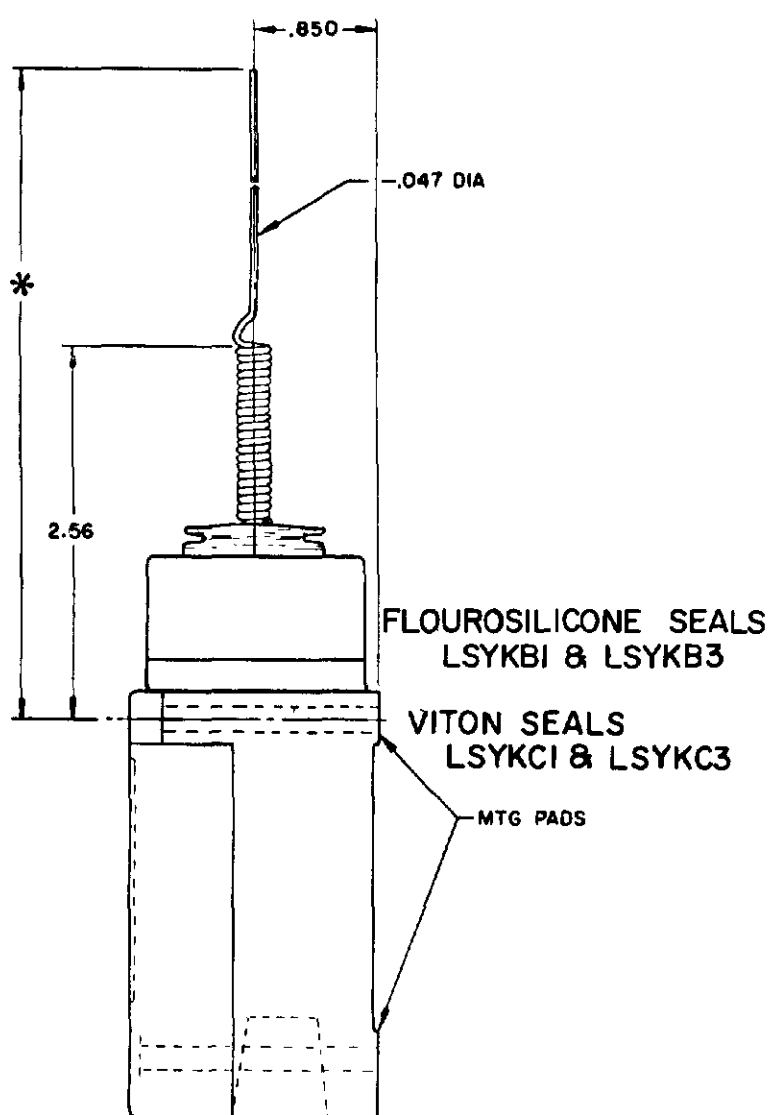
LSYJB6 & LSYJB7 HAVE 1/2-14 NPT CONDUIT HOLE

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

REPLACEMENT ACTUATOR LSZ 4010

CAT WHISKER

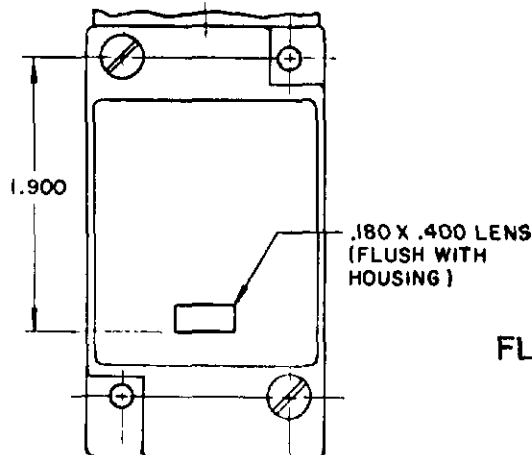
SINGLE POLE



WIRE EXTENSION

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

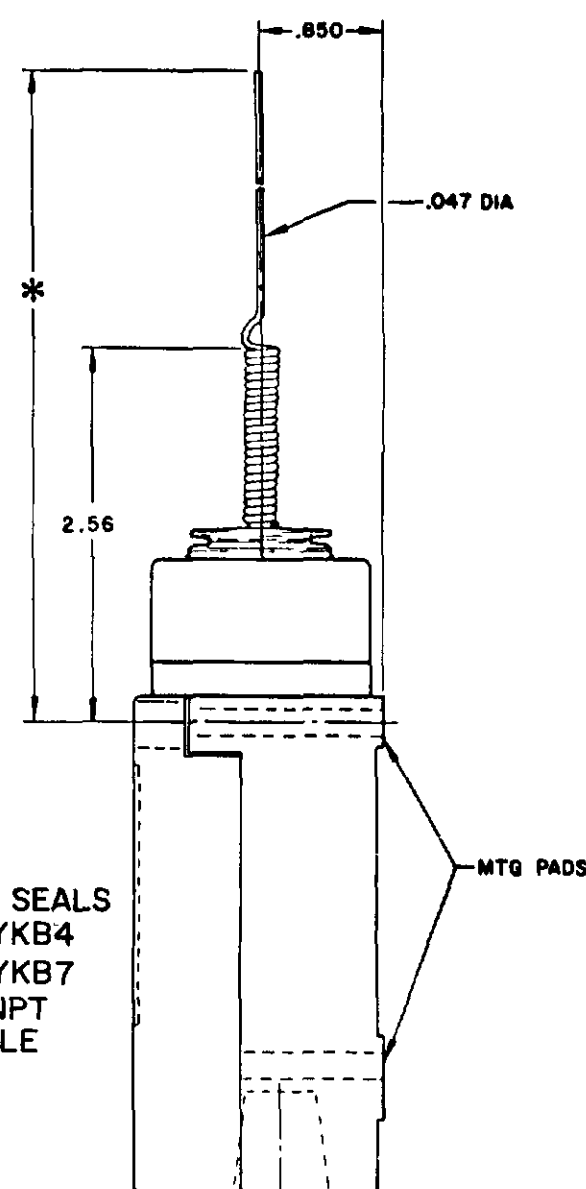
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



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



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.
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FED. REG. CODE 91999

SWITCH-ENCLOSED

CHART 1

LSY SERIES

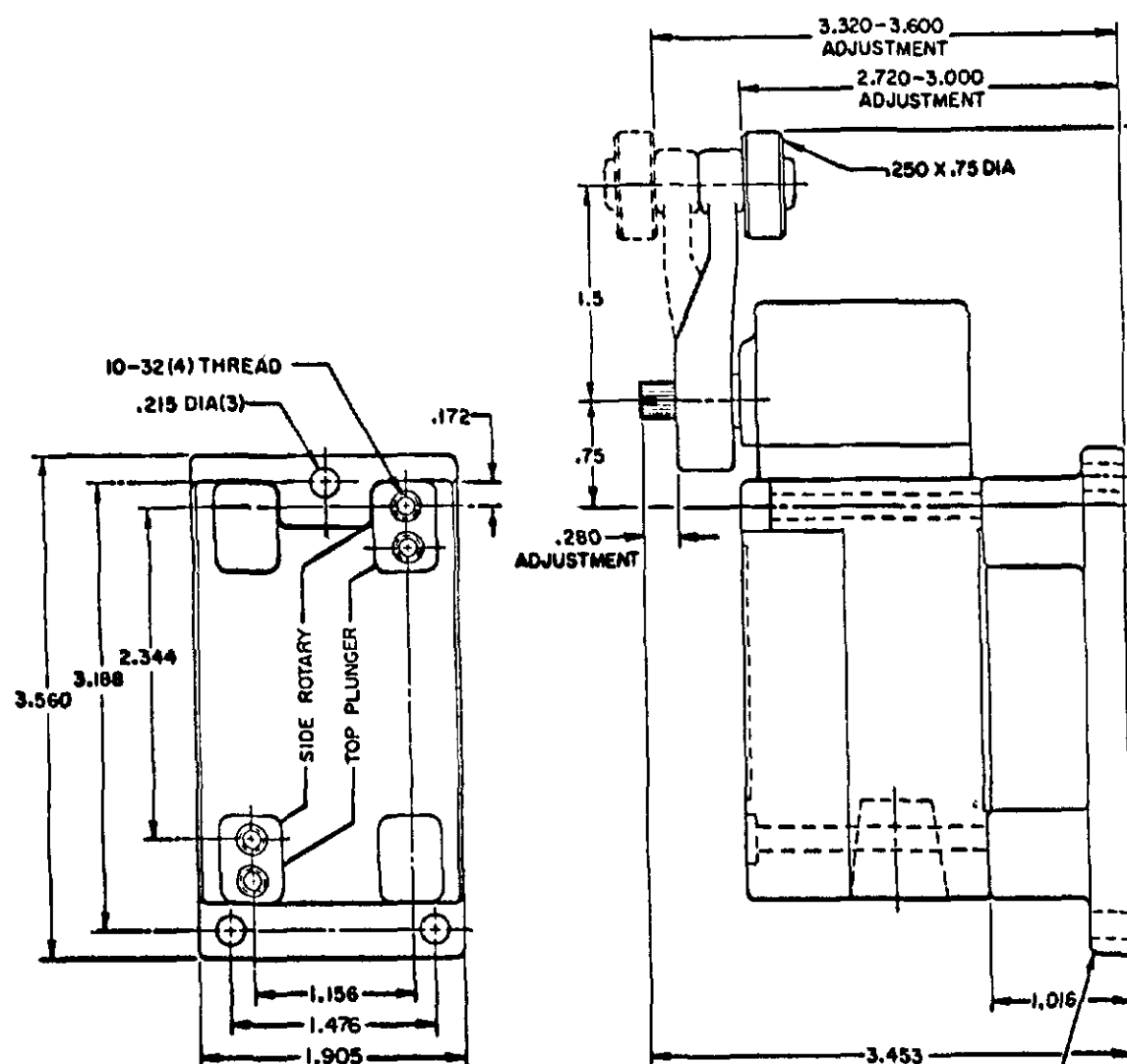
SCALE NONE
DO NOT SCALE PRINT

	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

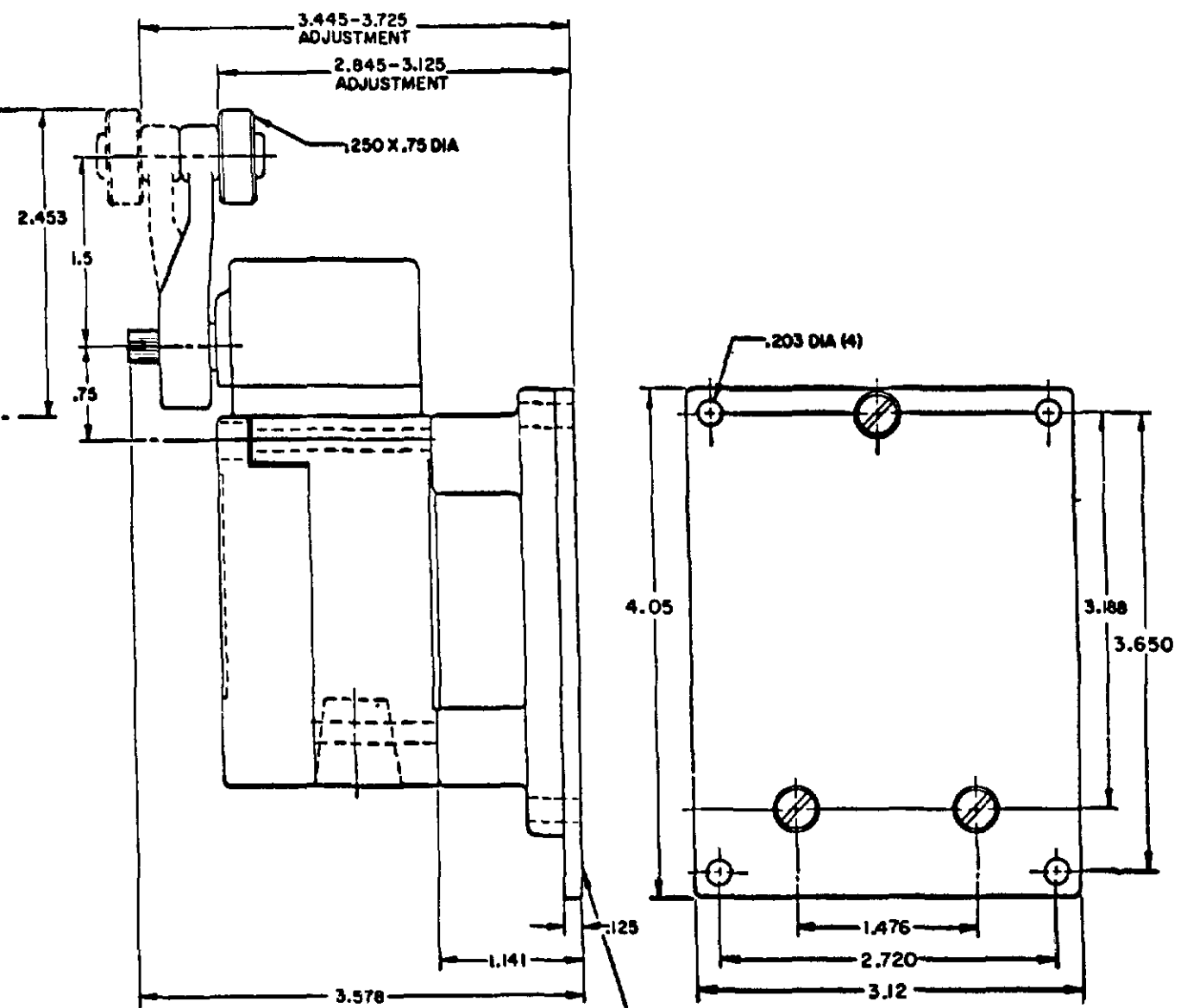
CONVERSION BASES

SINGLE POLE (SIDE ROTARY) LSZ 4003



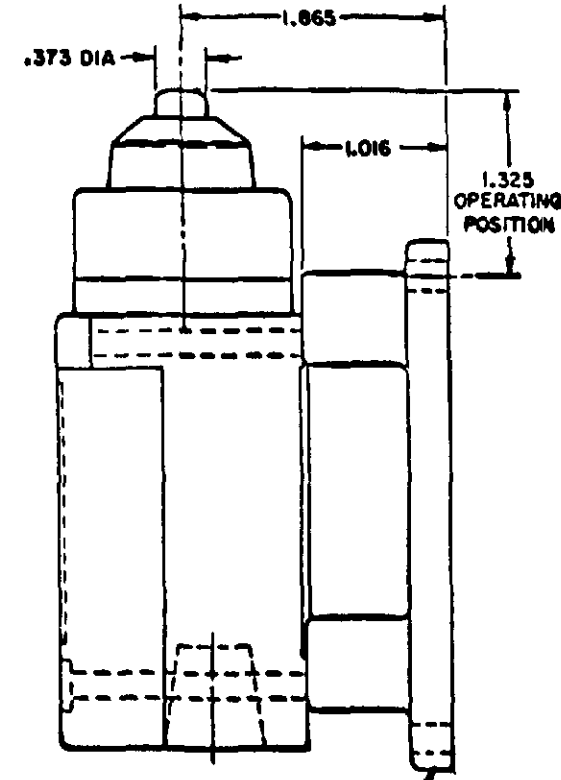
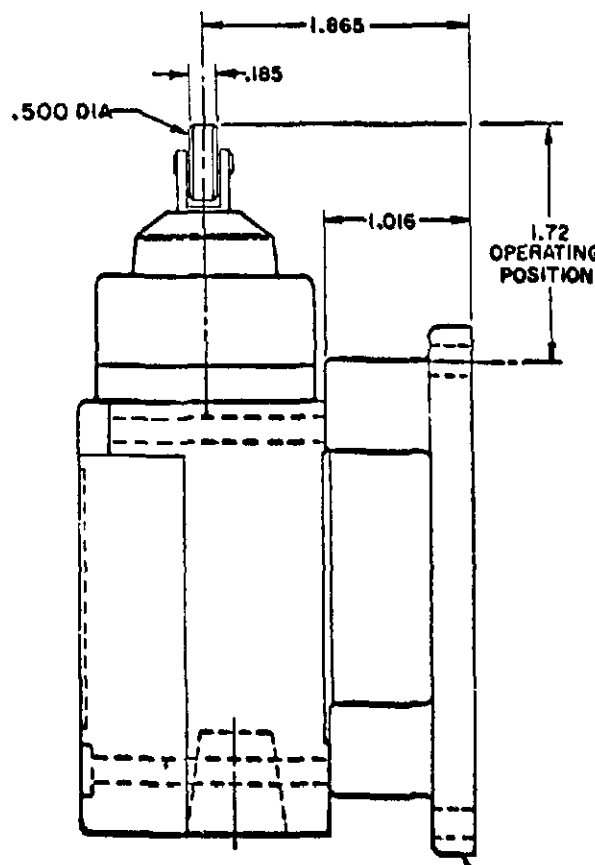
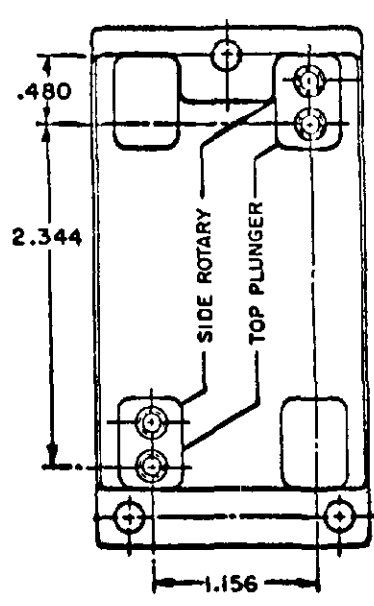
LSZ4003 CONVERSION BASE, WHEN USED WITH HEAVY DUTY LS WILL GIVE SAME TRACKING AS 201LS TYPE (LIMIT SWITCH NOT INCLUDED)

DOUBLE POLE (SIDE ROTARY) LSZ4004



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

SINGLE POLE TOP PLUNGER LSZ4003



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

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MICRO SWITCH
A DIVISION OF HONEYWELL
FREEPORT, ILLINOIS U.S.A.
710 WFS 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

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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.

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