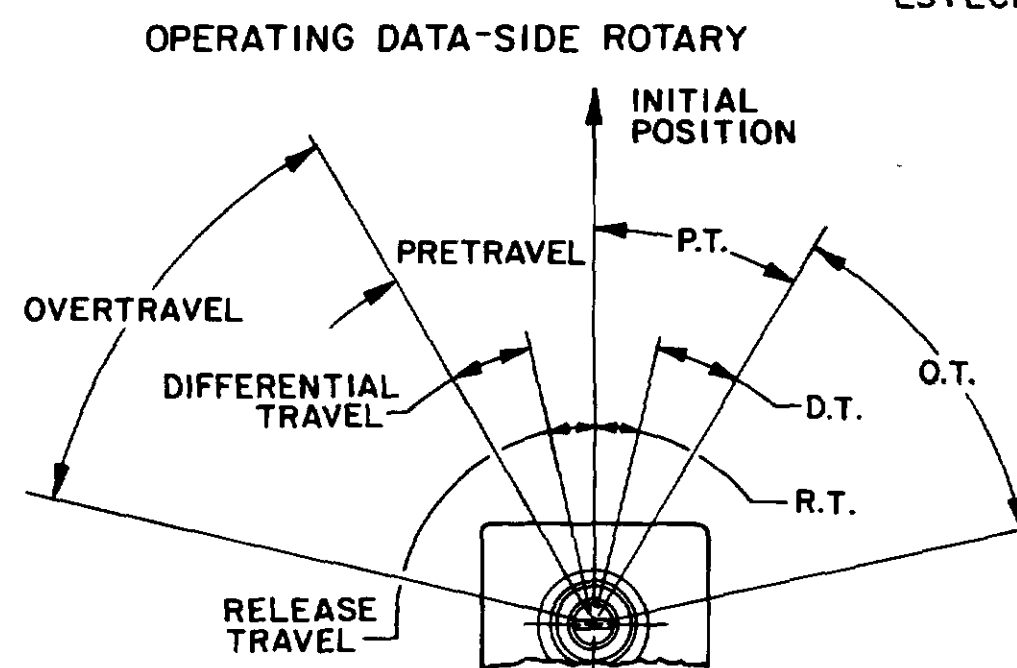
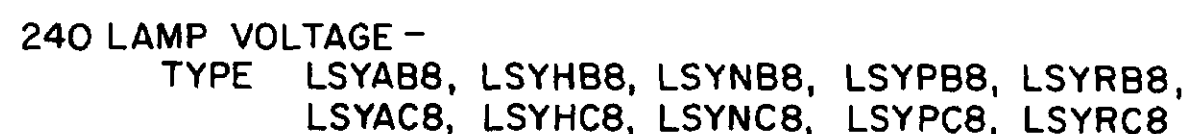
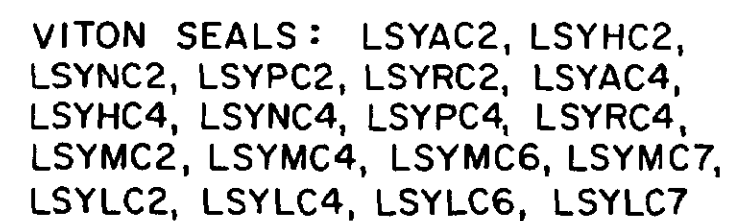


DOUBLE POLE

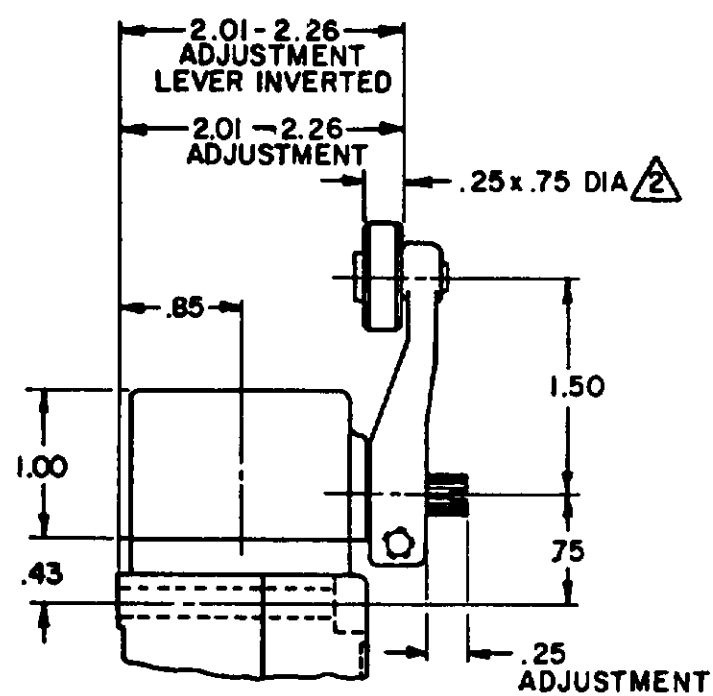
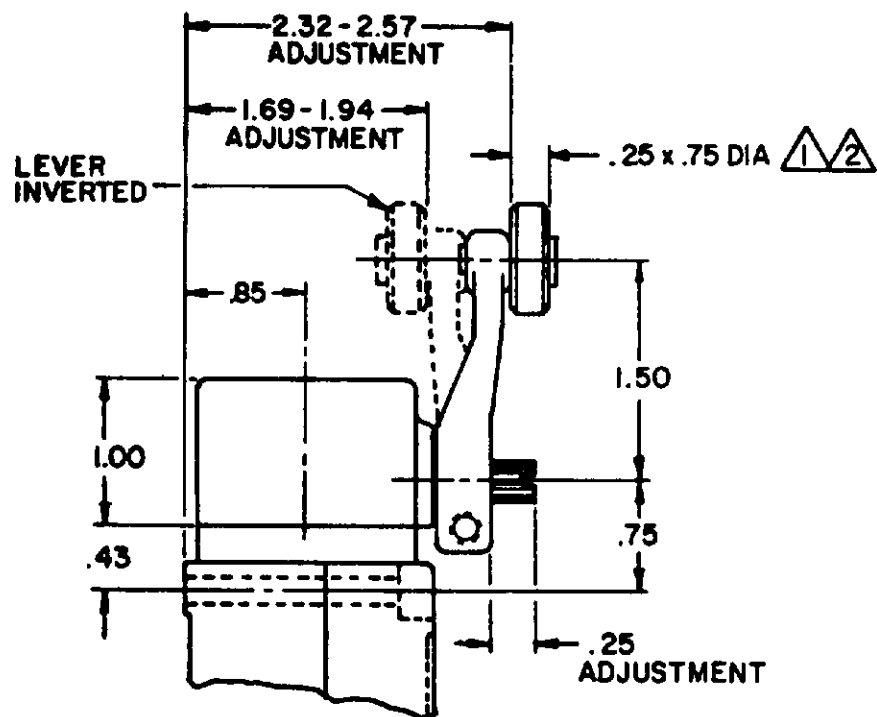


Technical drawing of a rectangular panel with the following dimensions and labels:

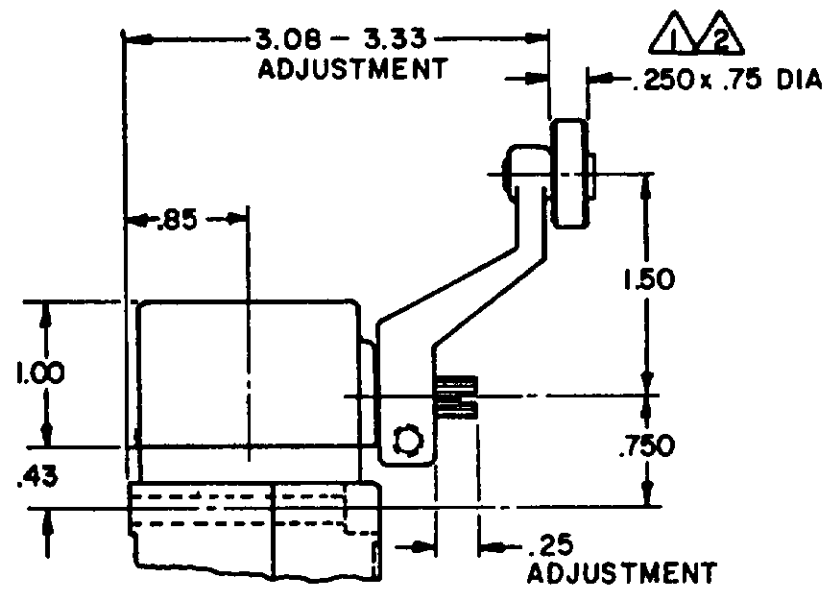
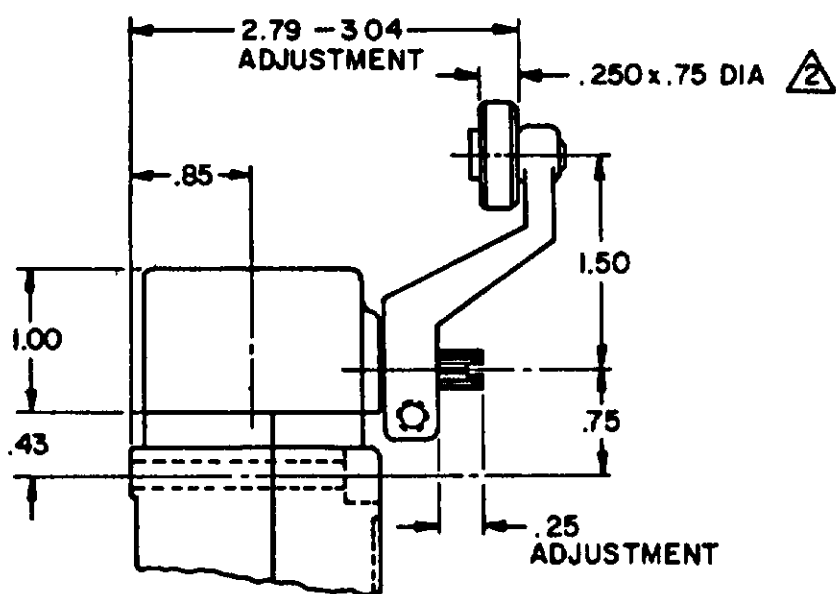
- Width: 1.156
- Height: 2.344
- Internal height: 2.250
- Labels:
 - SEAL GASKET
 - .500 DIA HOLE (.625 DIA MAX PANEL HOLE RECOMMENDED)
 - NO CONDUIT HOLE

LSY SERIES CHART 1

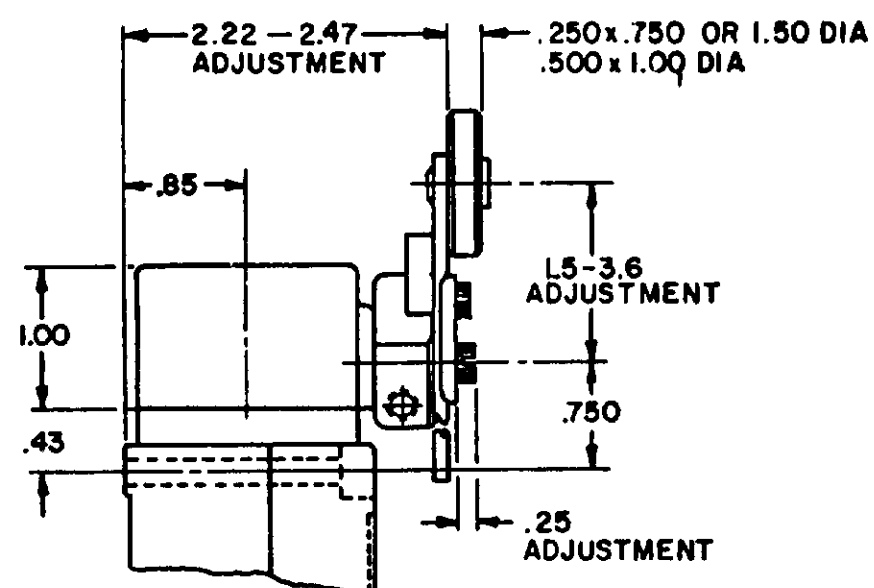
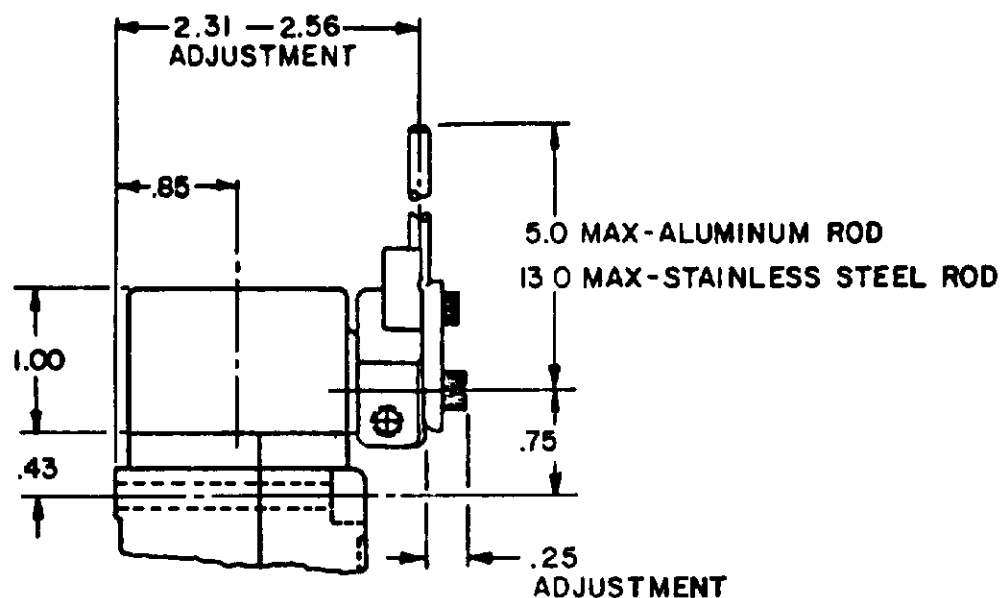
SIDE ROTARY CAM TRACKING



LSZ51 TYPE LEVERS

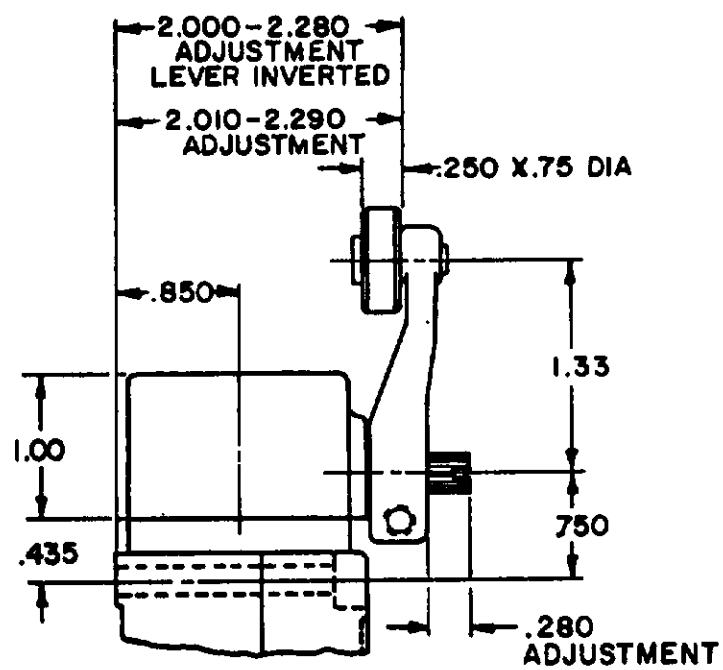
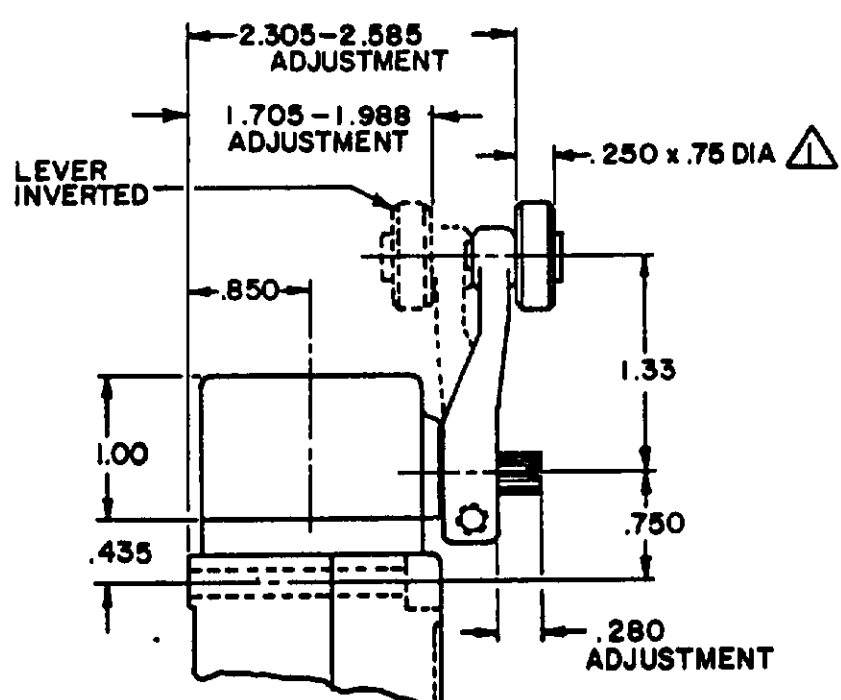


LSZ55 TYPE LEVERS



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

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

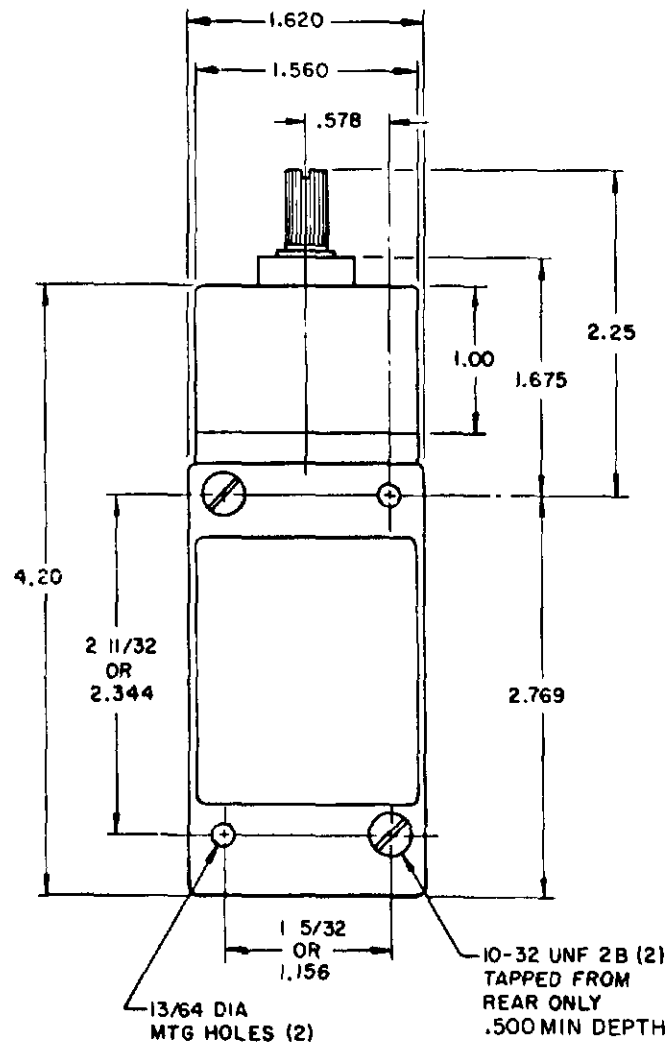
TWO PLACE (.00) ± .015

THREE PLACE (.000) ± .005

ANGLES ±

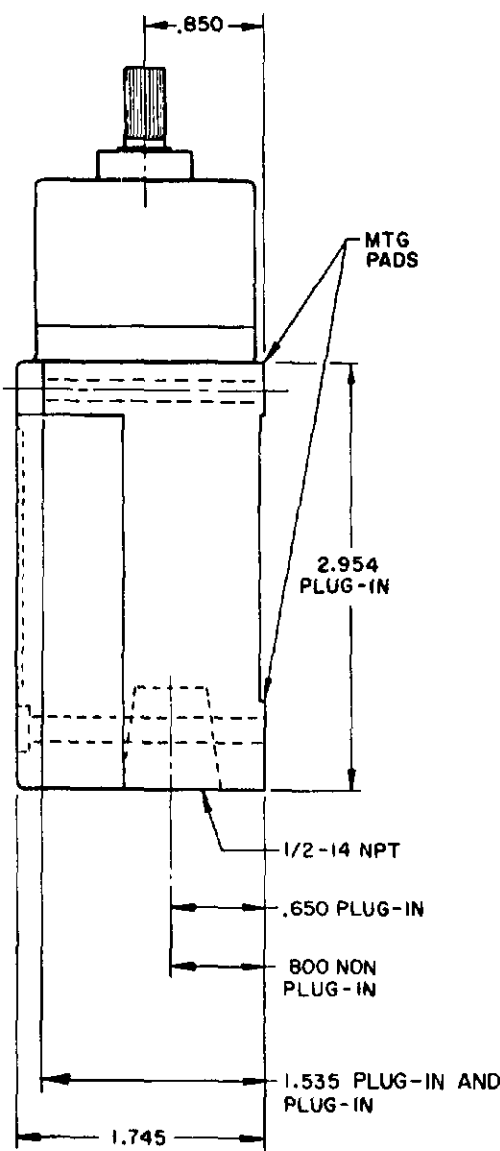
TOP ROTARY

SINGLE POLE



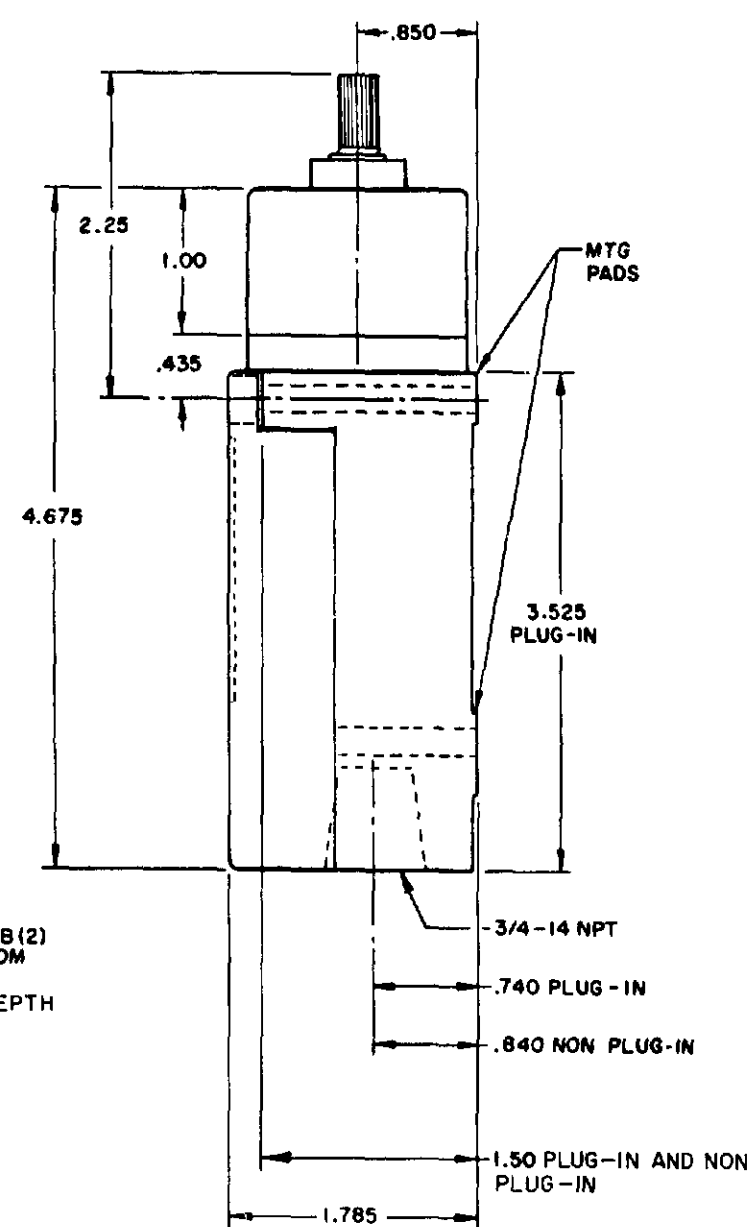
FLOUROSILICONE SEALS
LSYBB1 & LSYBB3

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.		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

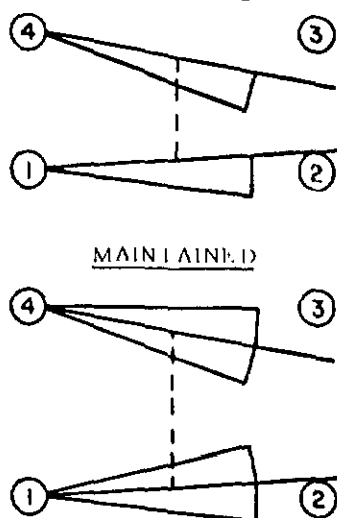
ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT.

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

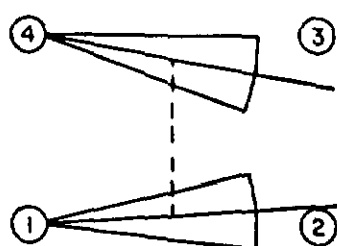
WIRING BASIC SWITCH (SAME POLARITY MUST BE OBSERVED FOR EACH POLE)

SINGLE POLE

MOMENTARY



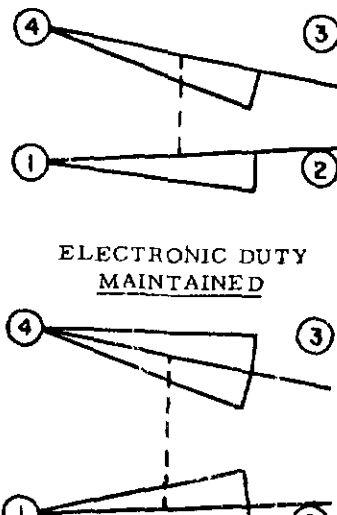
MAINTAINED



SINGLE POLE

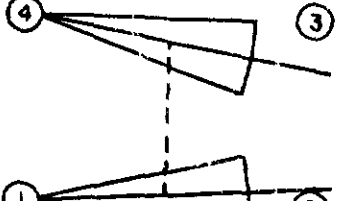
ELECTRONIC DUTY

MOMENTARY

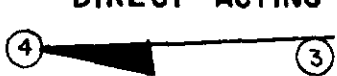


ELECTRONIC DUTY

MAINTAINED

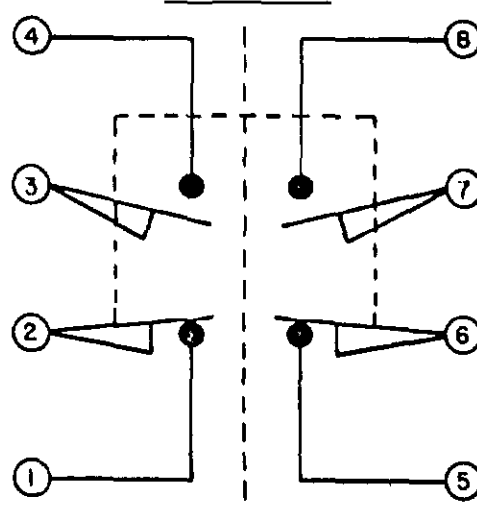


DIRECT ACTING

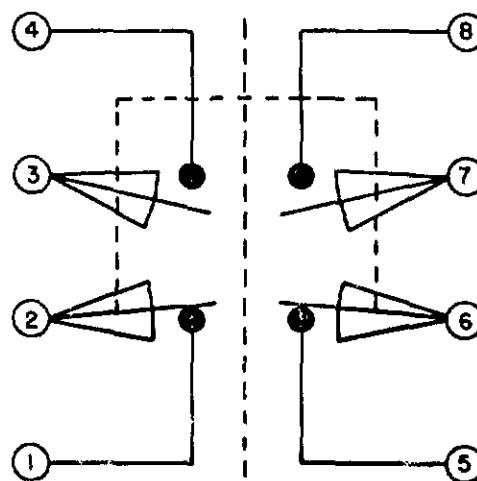


DOUBLE POLE

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

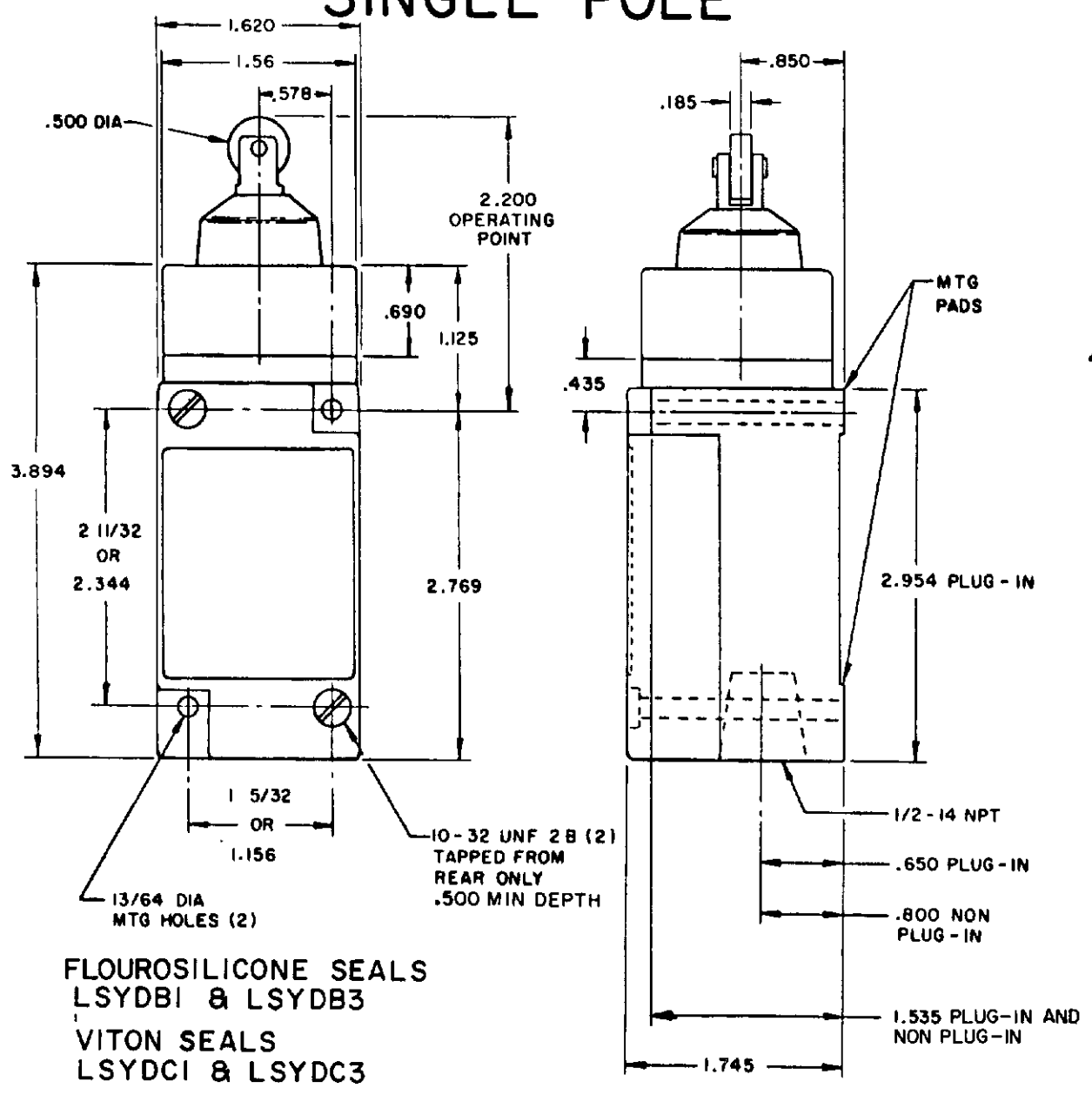
MICRO SWITCH
FREEPORT, L.I., N.Y. U.S.A.
A DIVISION OF HONEYWELL
FID. MFG. CODE 91918

SWITCH - ENCLOSED

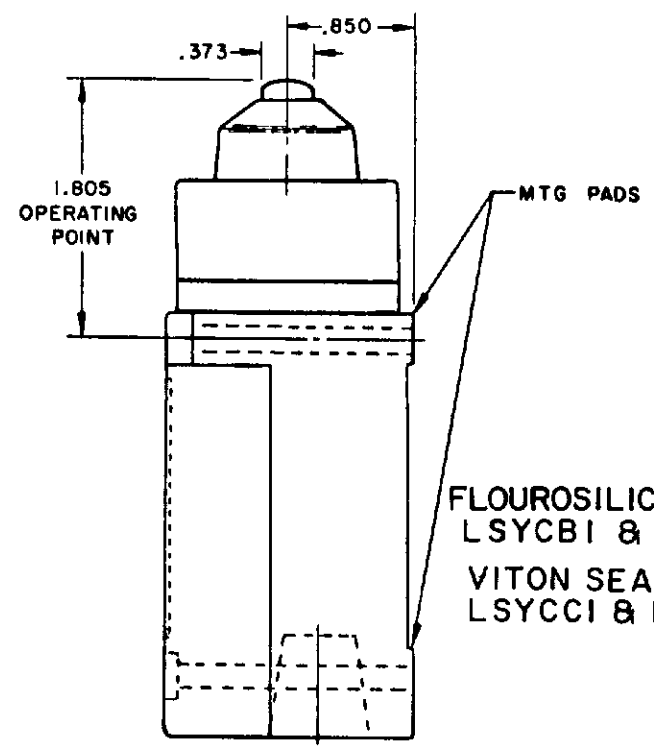
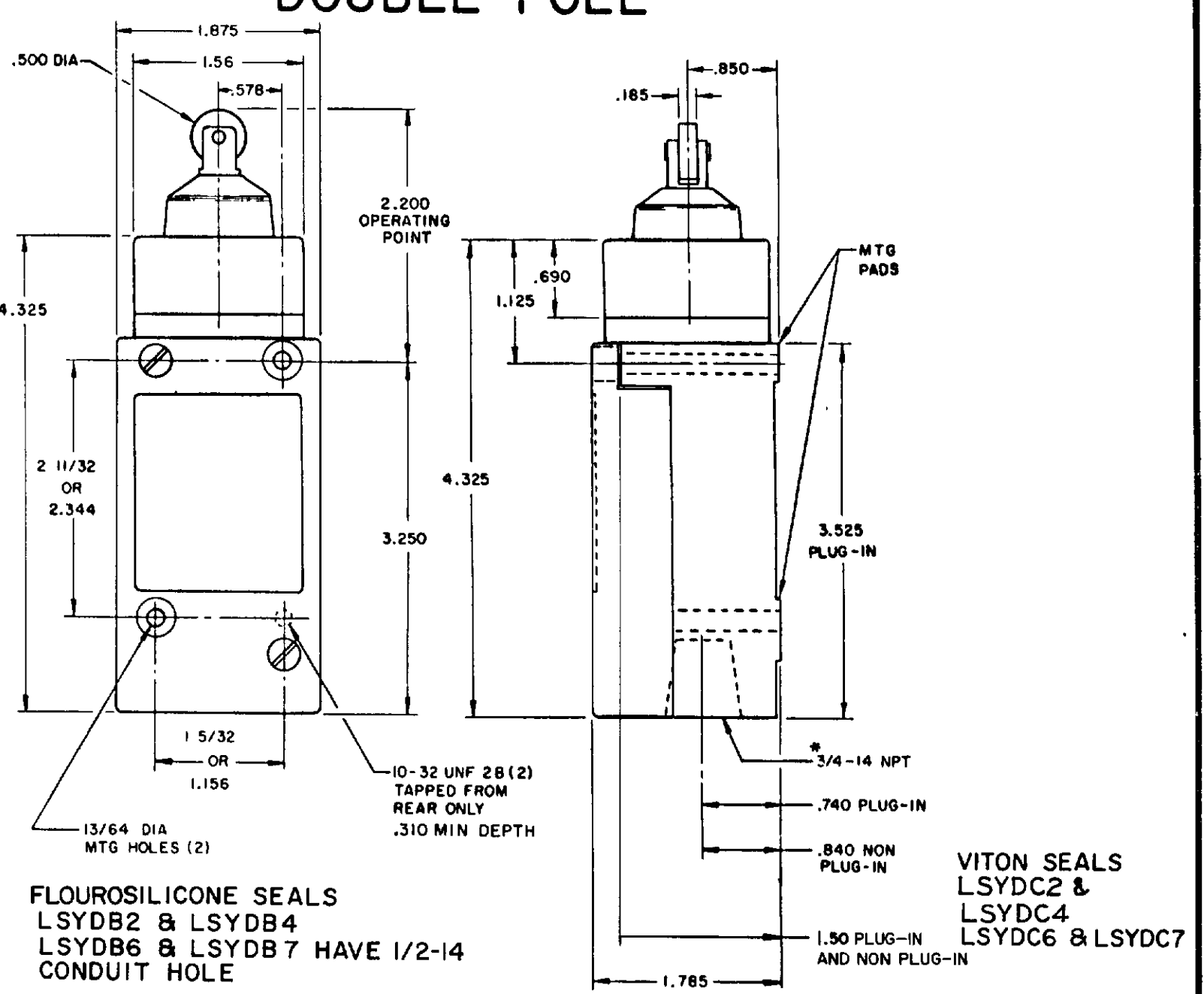
LSY SERIES
CHART 1

PLUNGER TYPE TOP

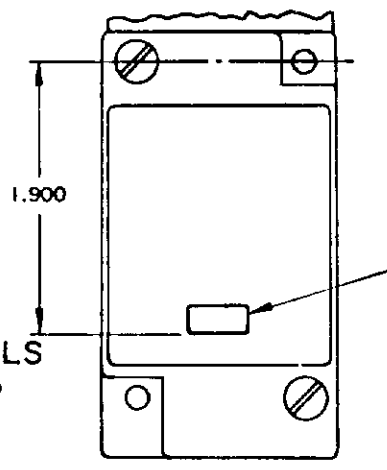
SINGLE POLE



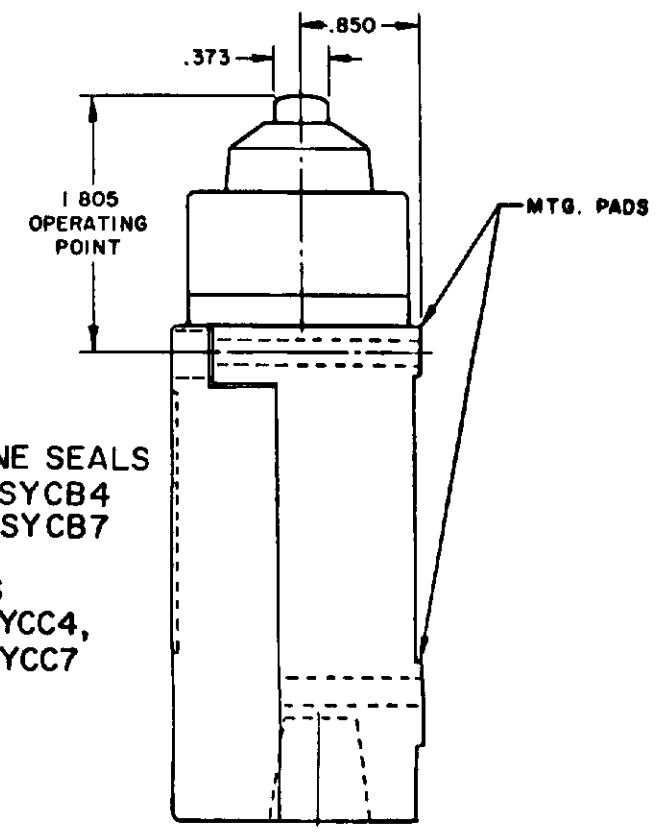
DOUBLE POLE



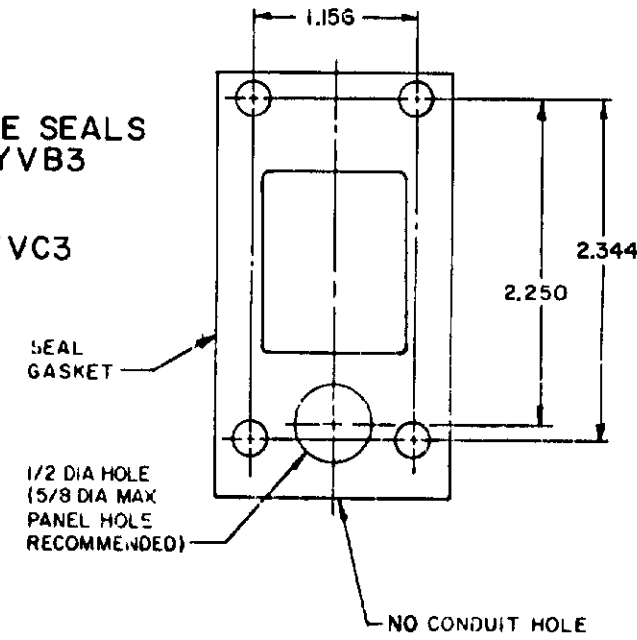
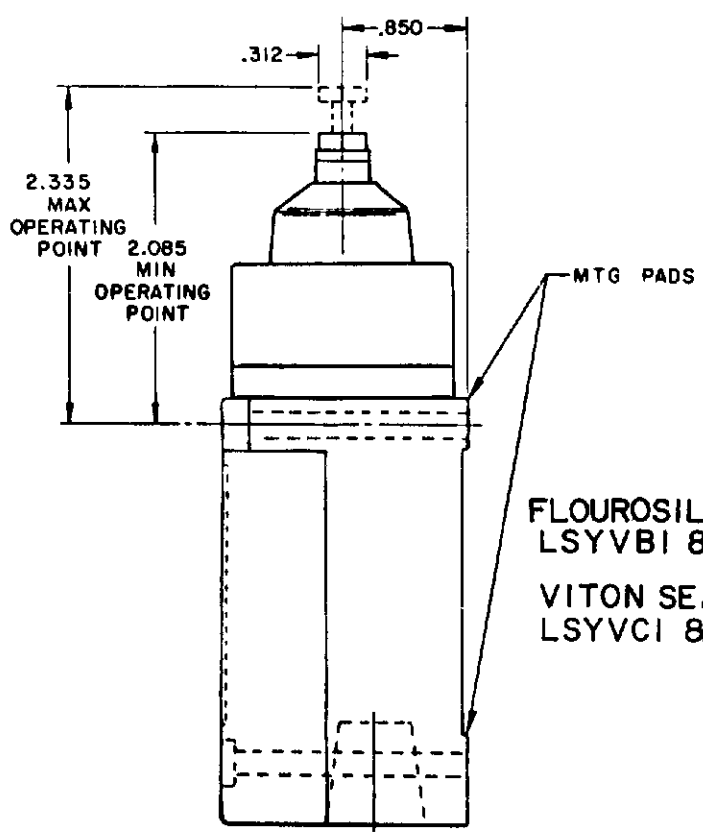
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



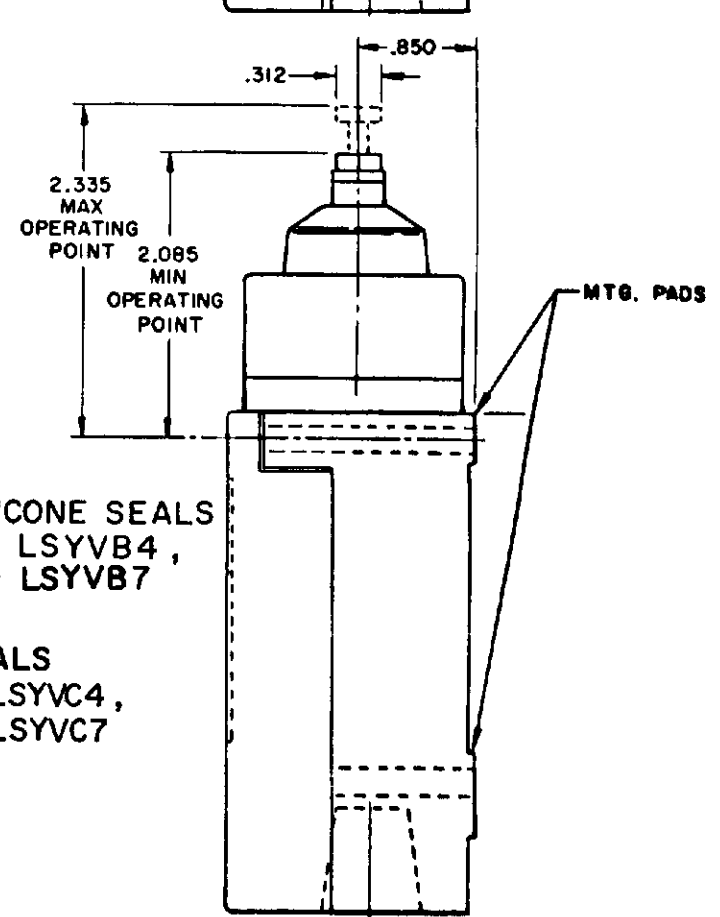
120 LAMP VOLTAGE -
LSYCB 5, LSYDB5, LSYVB5
LSYCC5, LSYDC5, LSYVC5
240 LAMP VOLTAGE -
LSYCB8, LSYDB8, LSYVB8
LSYCC8, LSYDC8, LSYVC8



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
FLUOROSILICONE AND VITON SEALS

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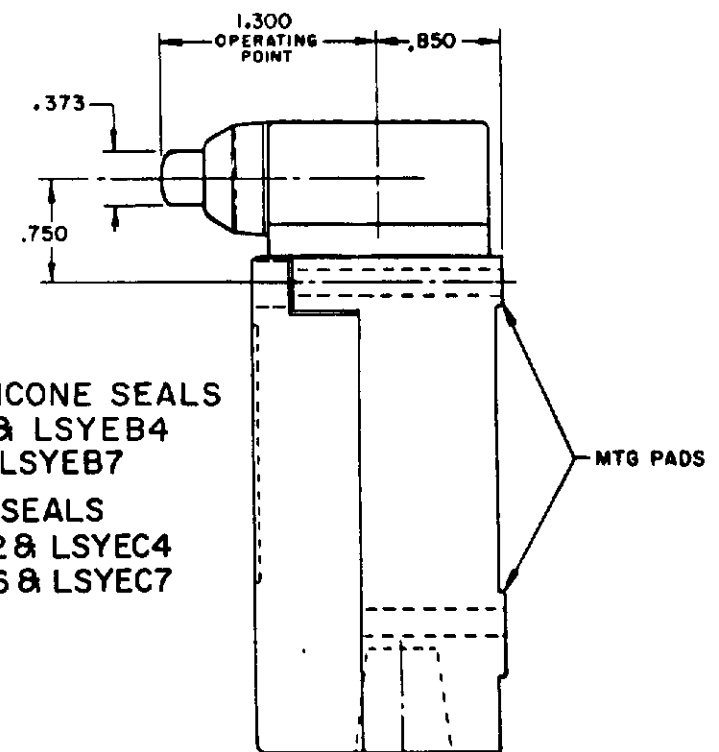
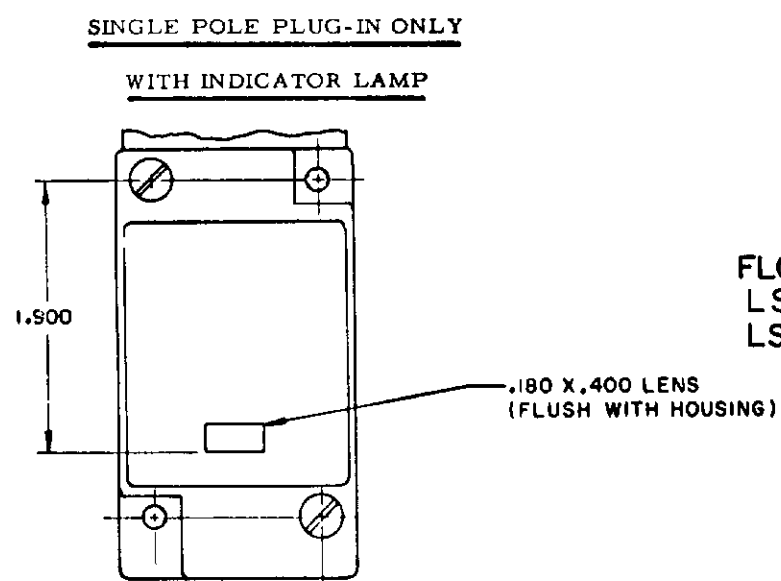
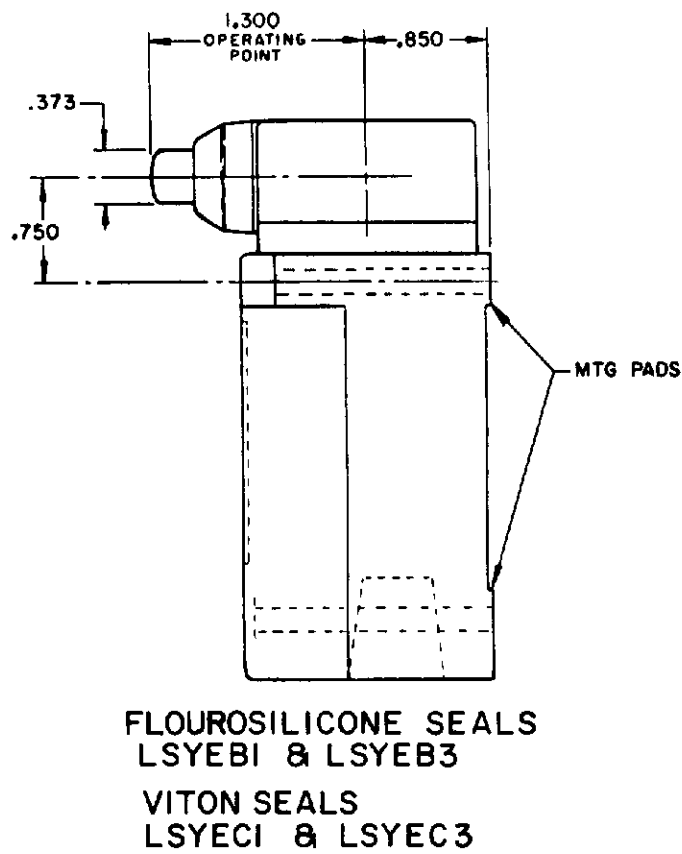
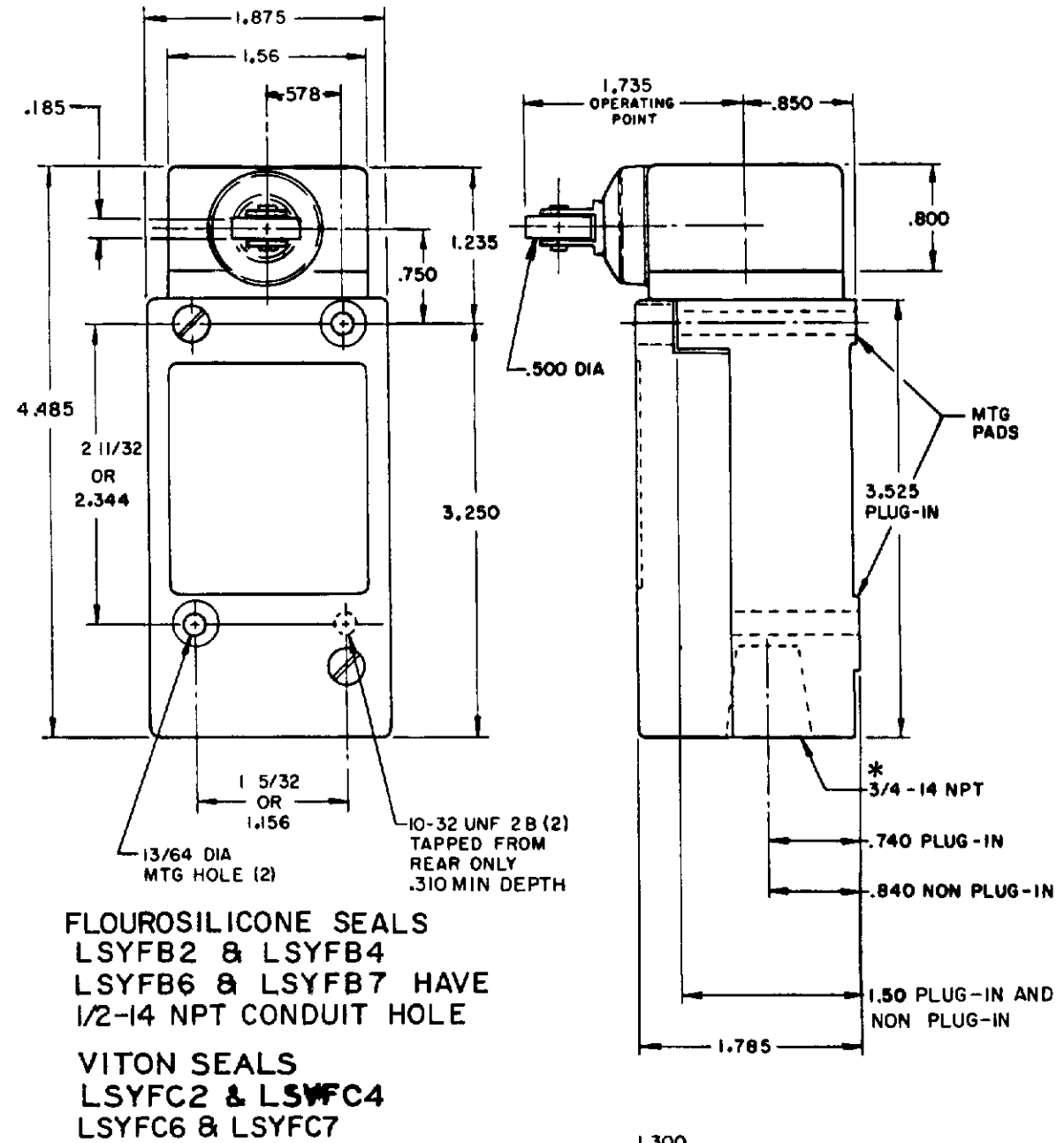
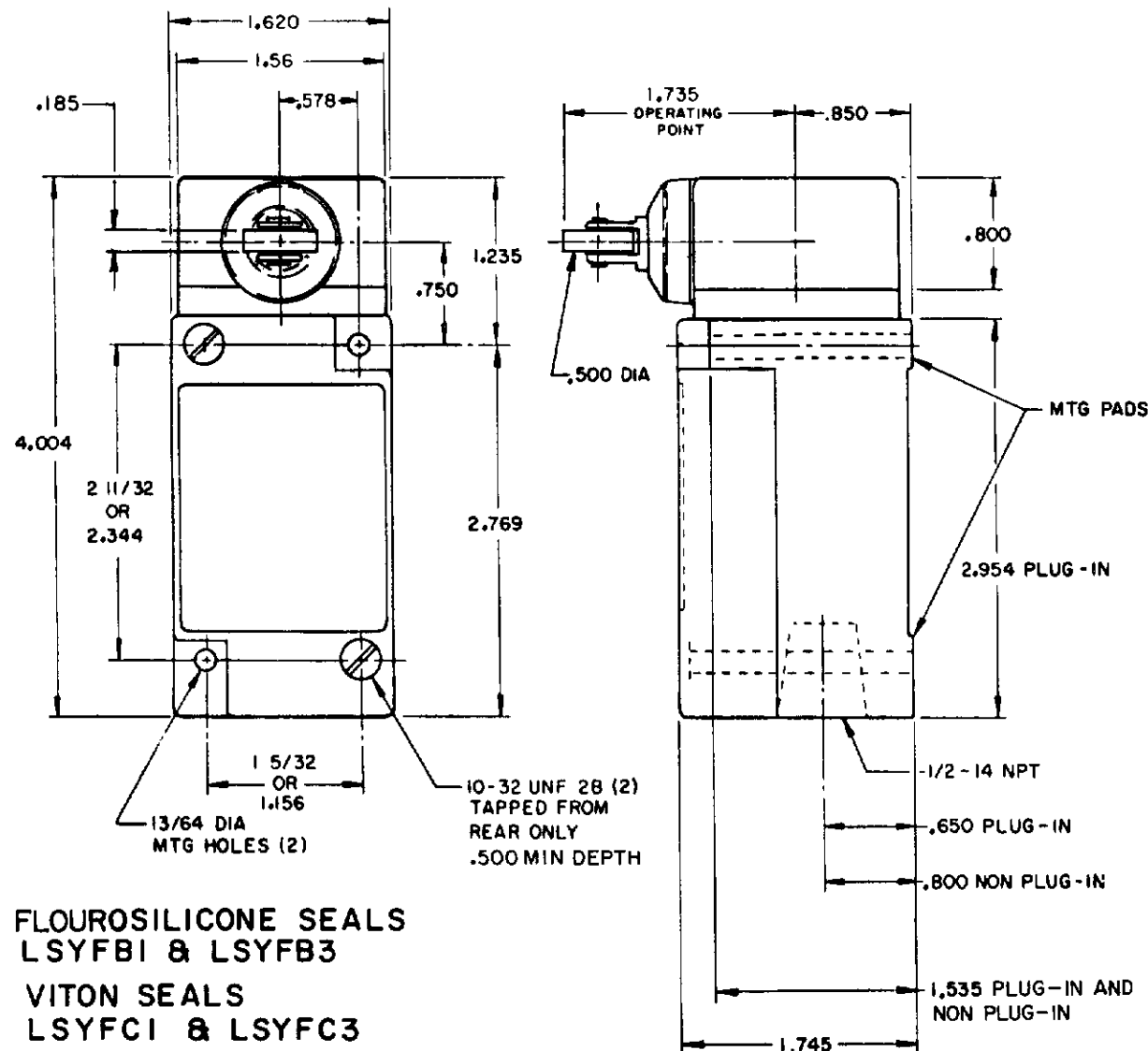
SWITCH - ENCLOSED

LSY SERIES
CATALOG LISTING
CHART 1

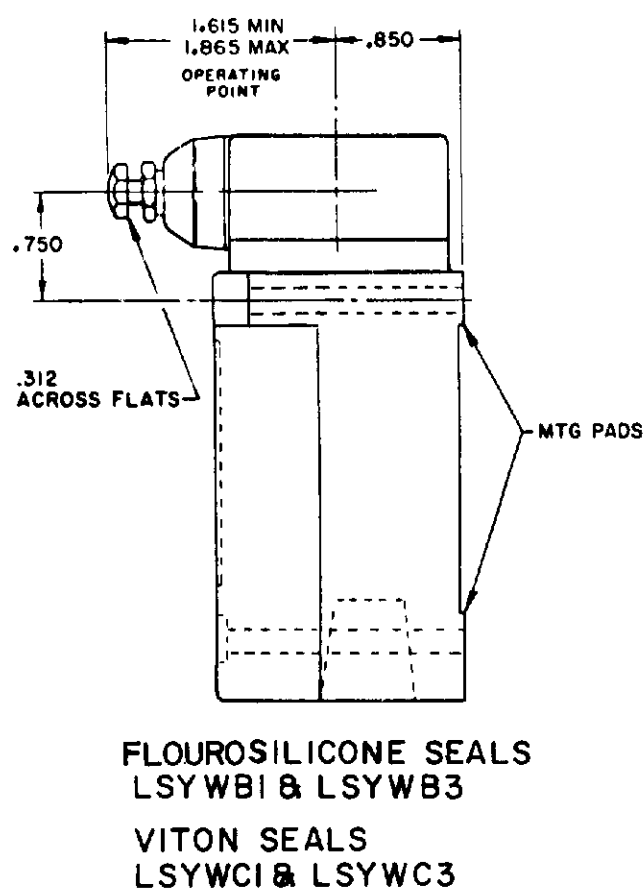
SIDE PLUNGER TYPE

SINGLE POLE

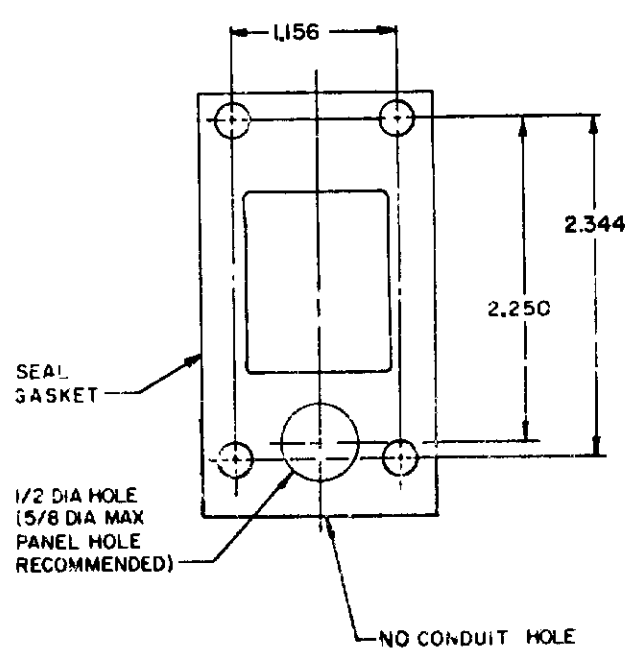
DOUBLE POLE



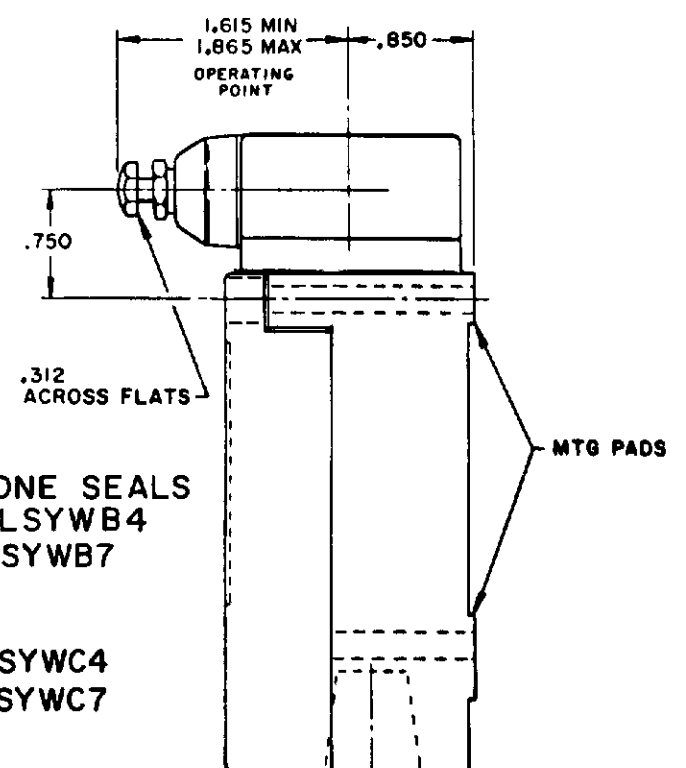
120 LAMP VOLTAGE -
 LSYFB5, LSYEB5, LSYWB5
 LSYFC5, LSYEC5, LSYWC5
 240 LAMP VOLTAGE -
 LSYFB8, LSYEB8, LSYWB8
 LSYFC8, LSYEC8, LSYWC8



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

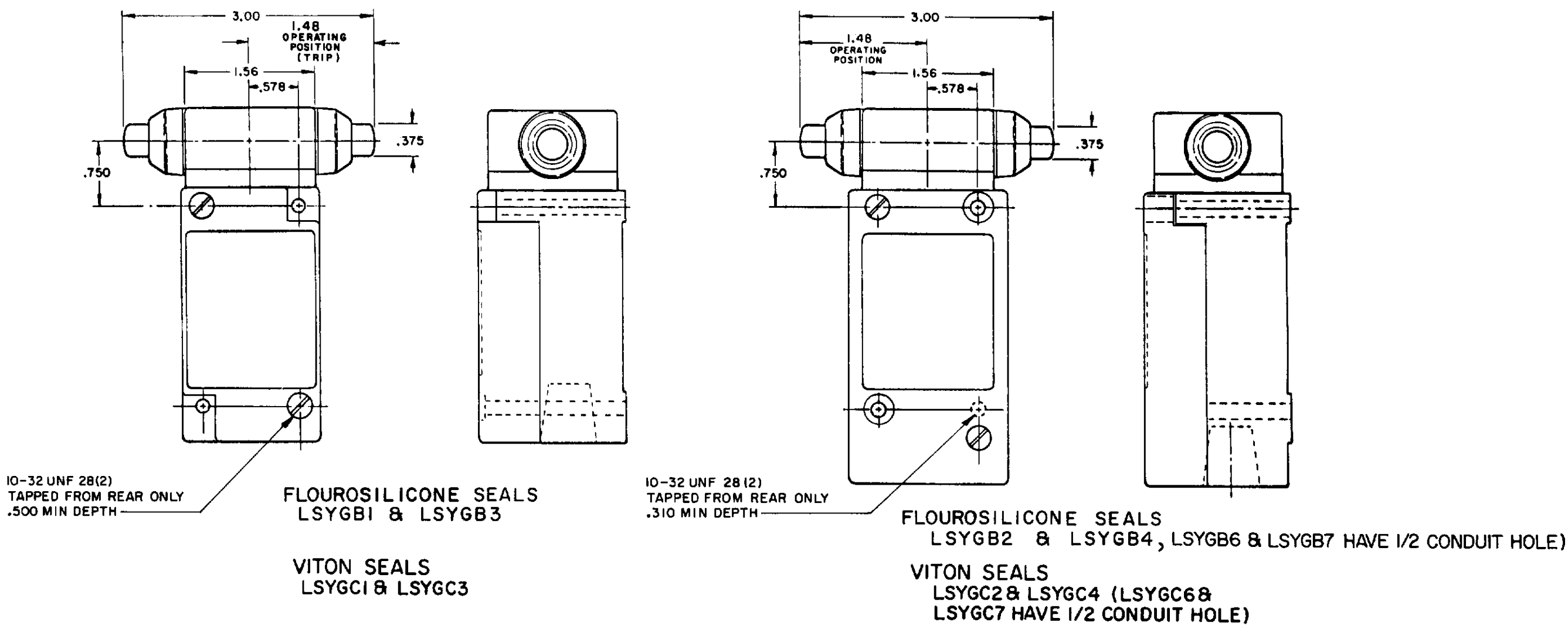


FLOUROSILICONE SEALS
 LSYWB2 & LSYWB4
 LSYWB6 & LSYWB7
VITON SEALS
 LSYWC2 & LSYWC4
 LSYWC6 & LSYWC7



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

MICRO SWITCH
 SWITCH - ENCLOSED
 LSY SERIES
 CHART 1



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		
	SINGLE POLE	DOUBLE POLE	SINGLE POLE	DOUBLE POLE	SINGLE POLE	DOUBLE POLE	LSYC	LSYD	LSYV
PRETRAVEL (MAX)	.070		.070		.070		1ST STEP .070		
DIFFERENTIAL TRAVEL (MAX)	.015		.015		.015		2ND STEP .016 MIN ADD'L		
OVERTRAVEL (MIN)	.190		.190		.190		.015 EACH STEP		
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		
FULL OVERTRAVEL FORCE (MAX)	7 LBS		7 LBS		7 LBS		1.815±.030 2.210±.040 2.095 MIN / 2.345 MAX		

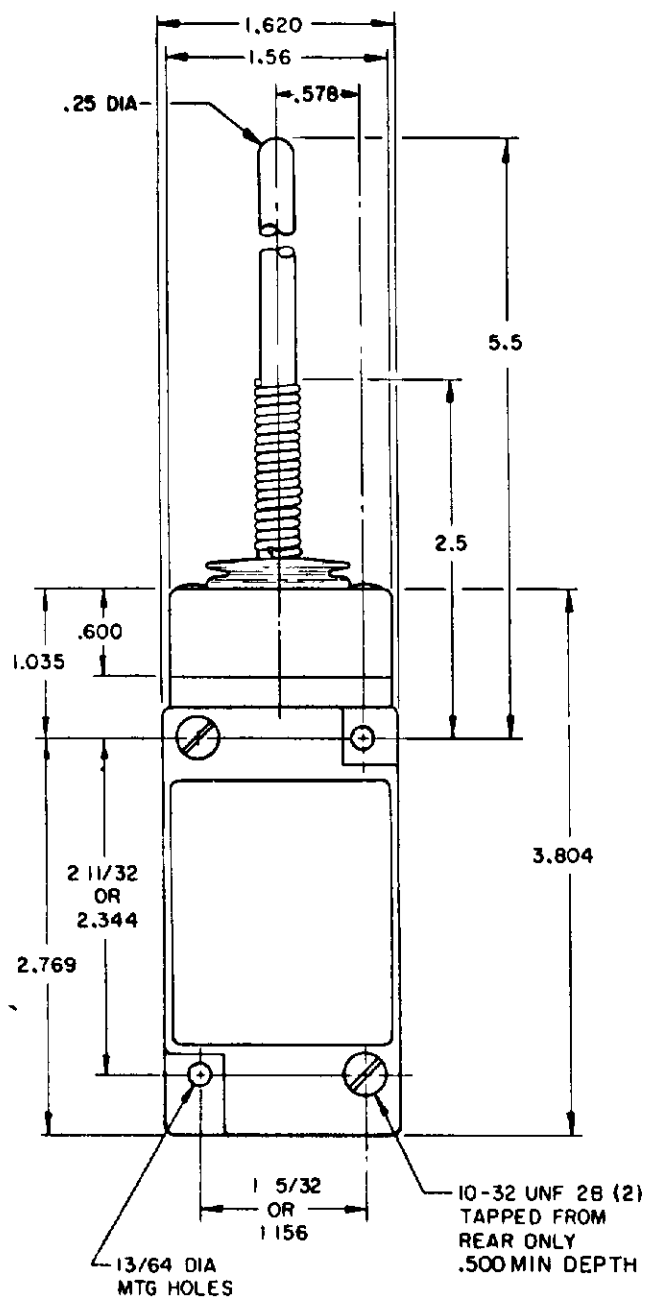
OPERATING POINT GIVEN IN RELATION TO CENTER OF HEAD SIDE PLUNGER TYPES

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		
DIFFERENTIAL TRAVEL (MAX)	.045		.045		.045		.090		2ND STEP .020 MIN ADD'L		
OVERTRAVEL (MIN)	.190		.190		.190		.080		.025 EACH STEP		
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		

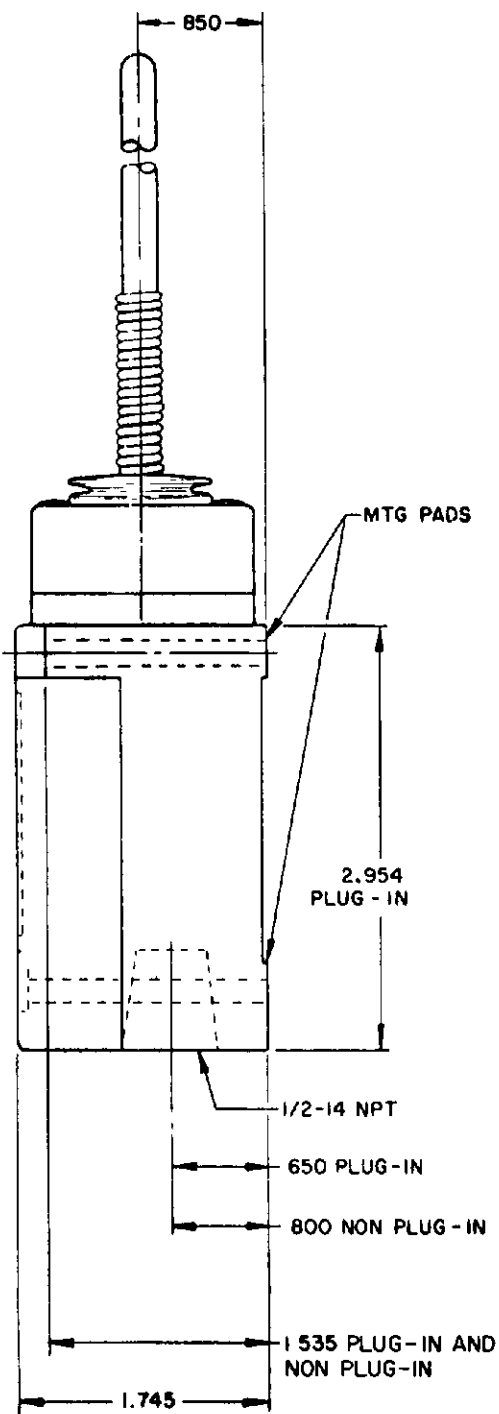
WOBBLE STICK

SINGLE POLE

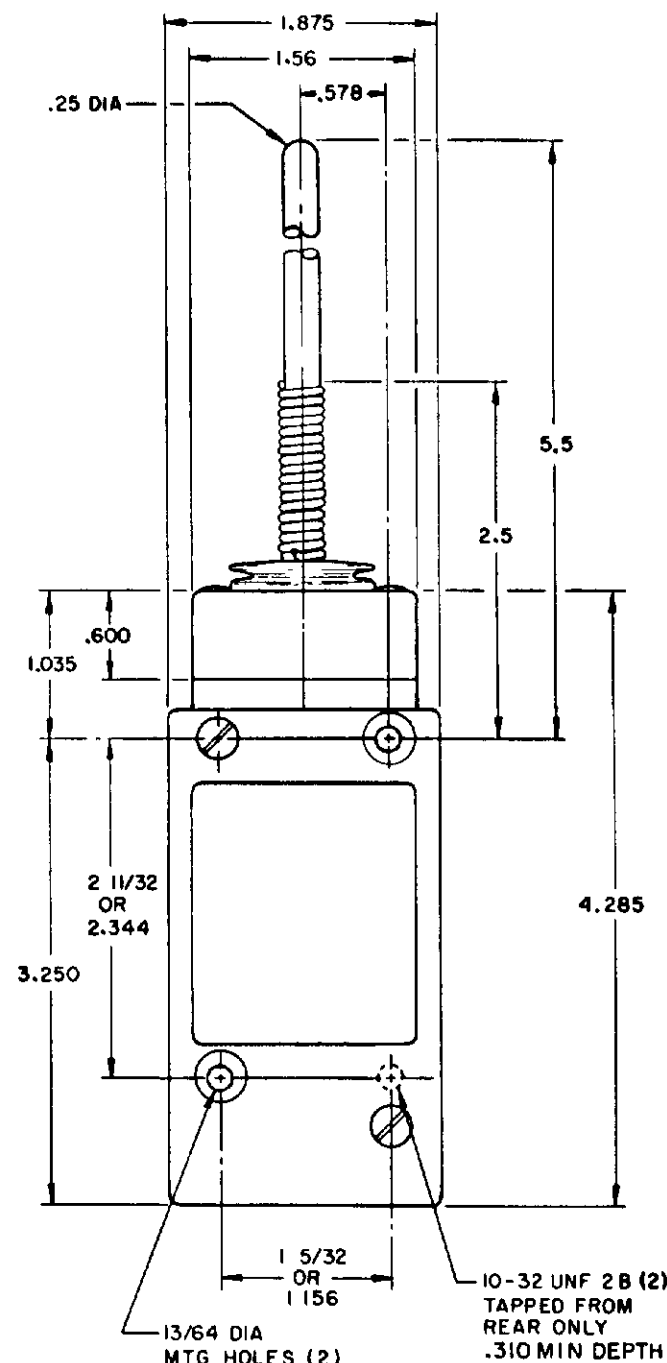
DOUBLE POLE



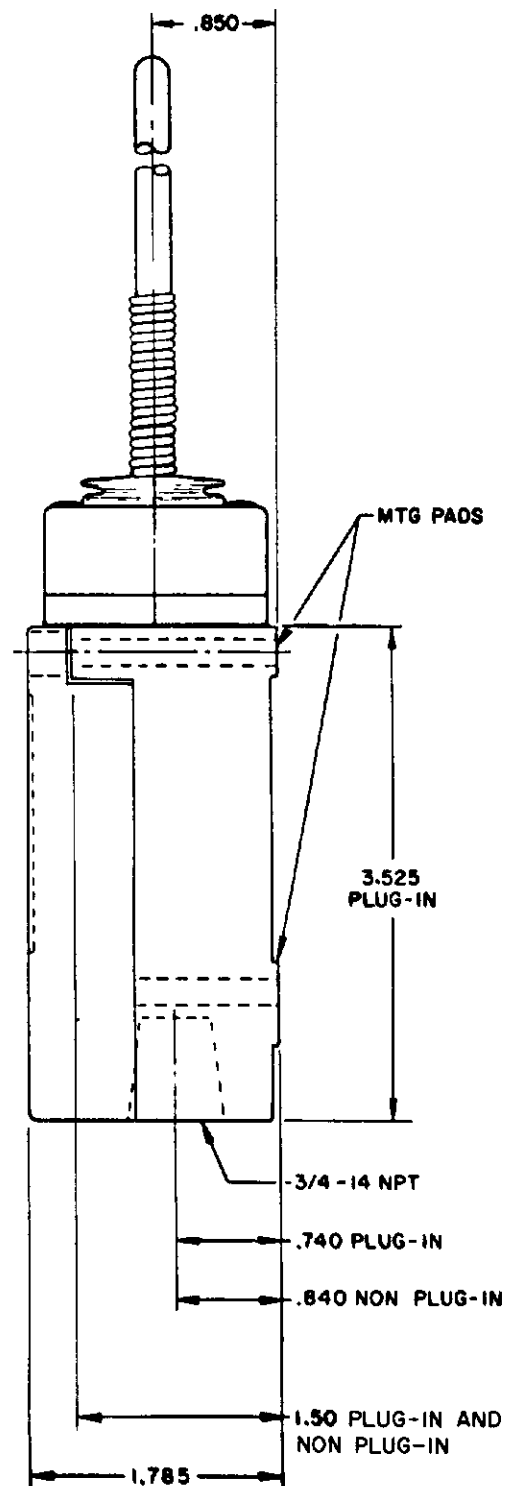
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



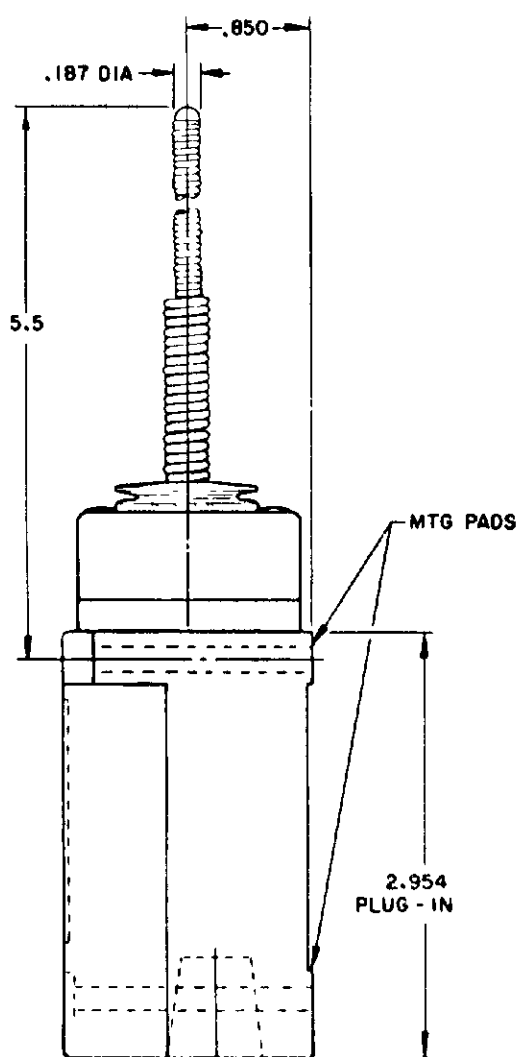
**REPLACEMENT ACTUATOR
LSZ 4009**



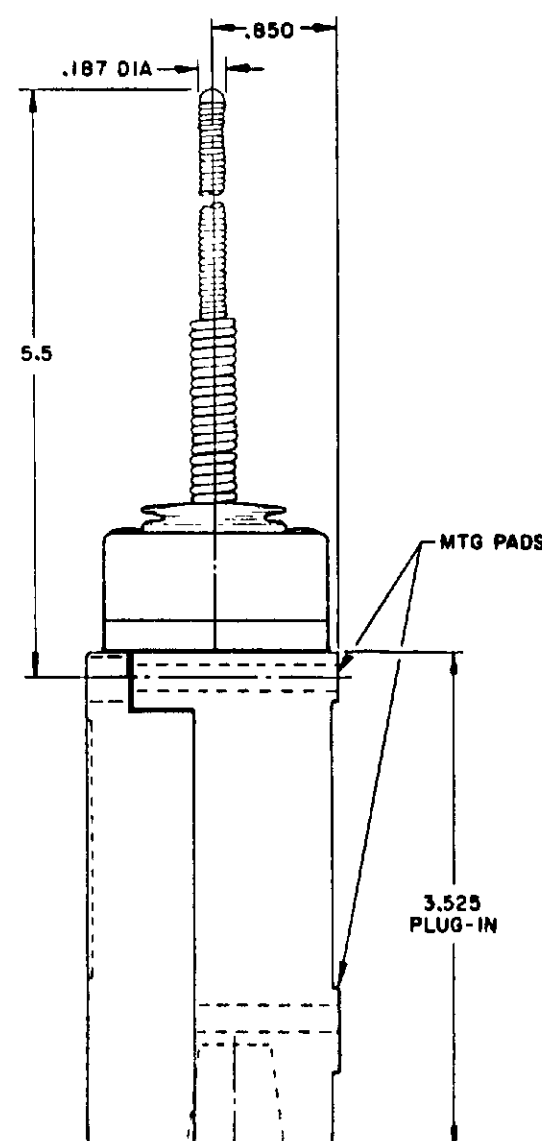
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



**REPLACEMENT ACTUATOR
LSZ 4011**

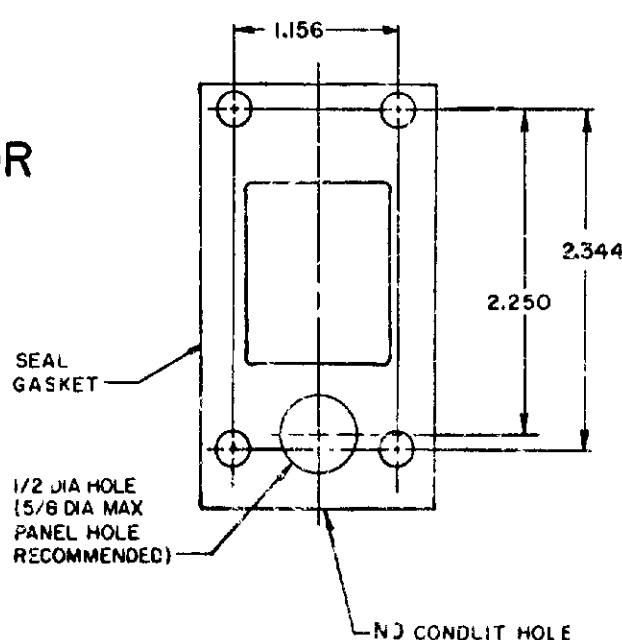


**CABLE EXTENSION
TYPE 7N ACTUATOR**



**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
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A DIVISION OF HONEYWELL

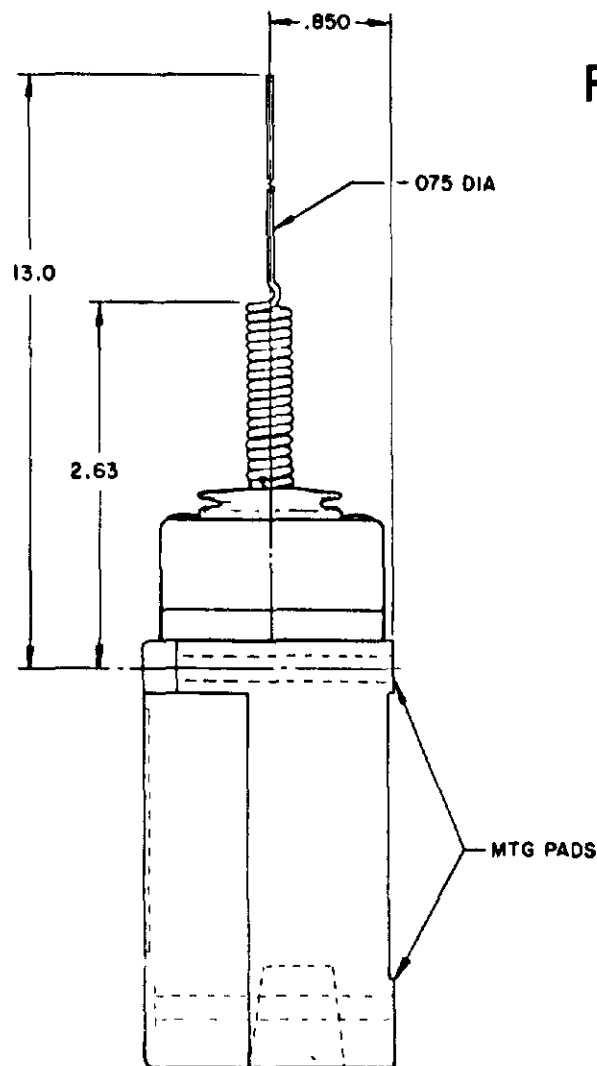
SWITCH-ENCLOSED

CHART 1

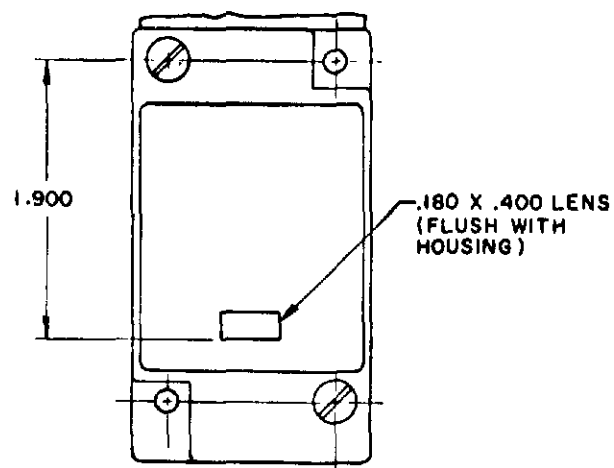
LSY SERIES

SCALE NONE
DO NOT SCALE PRINT

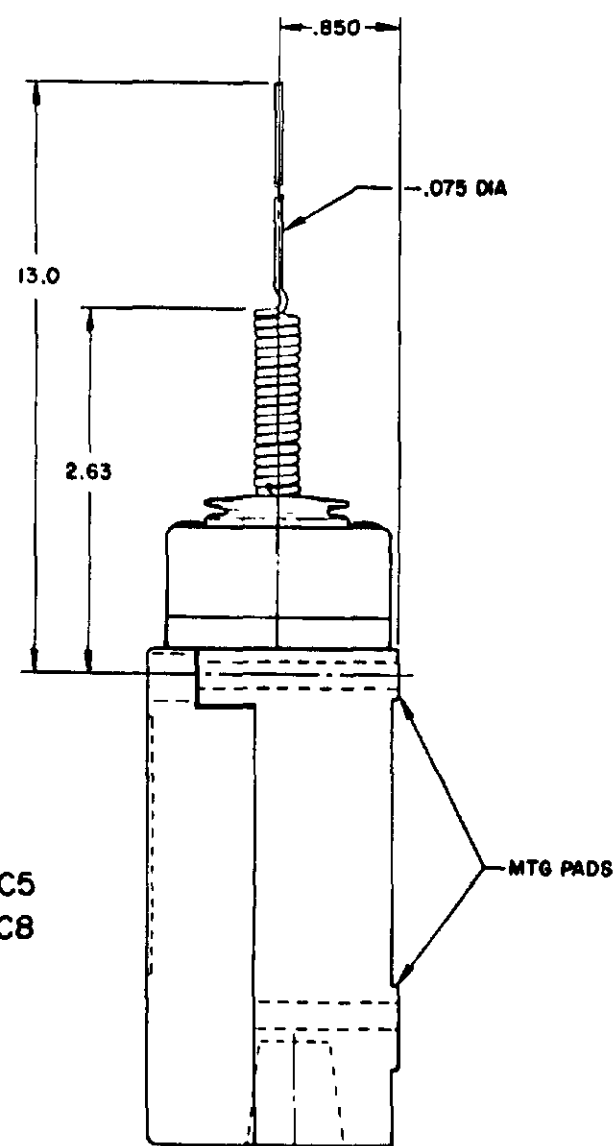
REPLACEMENT ACTUATOR LSZ4010



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

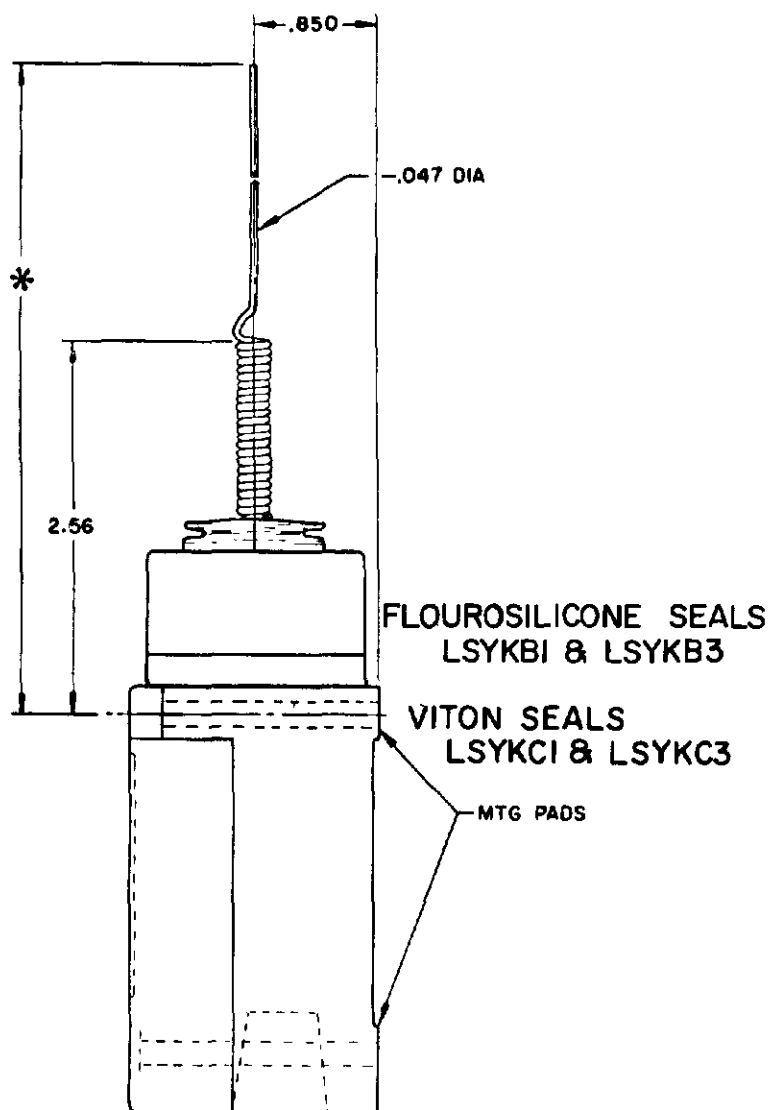
LSYJB6 & LSYJB7 HAVE 1/2-14 NPT CONDUIT HOLE

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

REPLACEMENT ACTUATOR LSZ 4010

CAT WHISKER

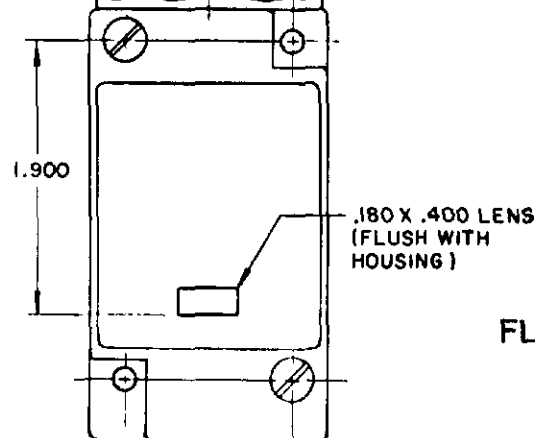
SINGLE POLE



FLOUROSILICONE SEALS
LSYKB1 & LSYKB3

VITON SEALS
LSYKC1 & LSYKC3

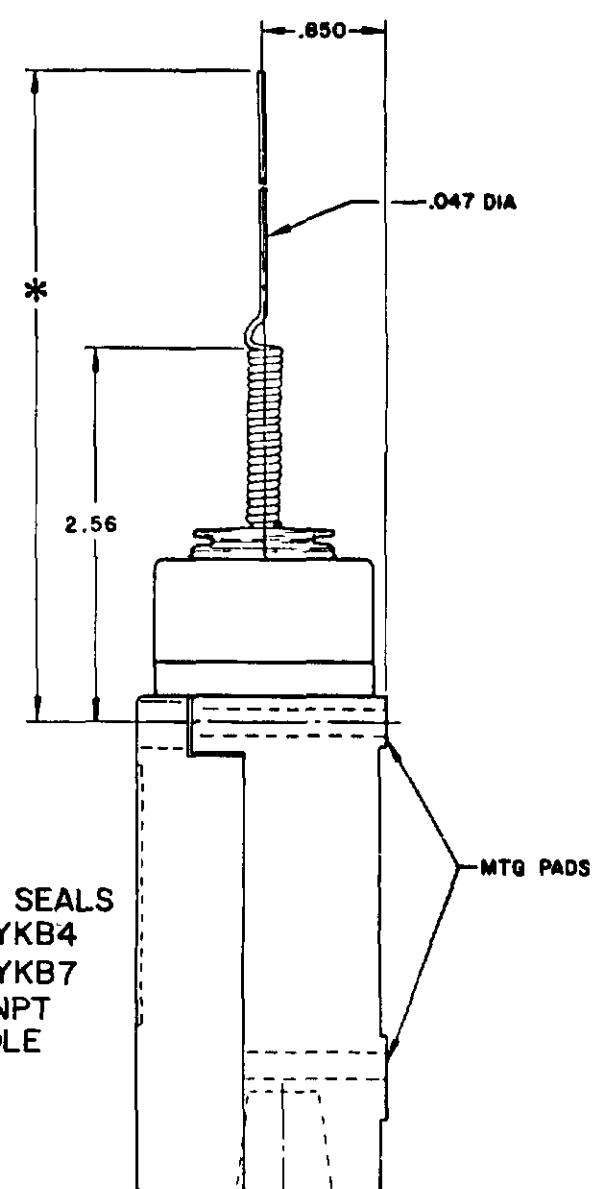
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



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

WIRE EXTENSION

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

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

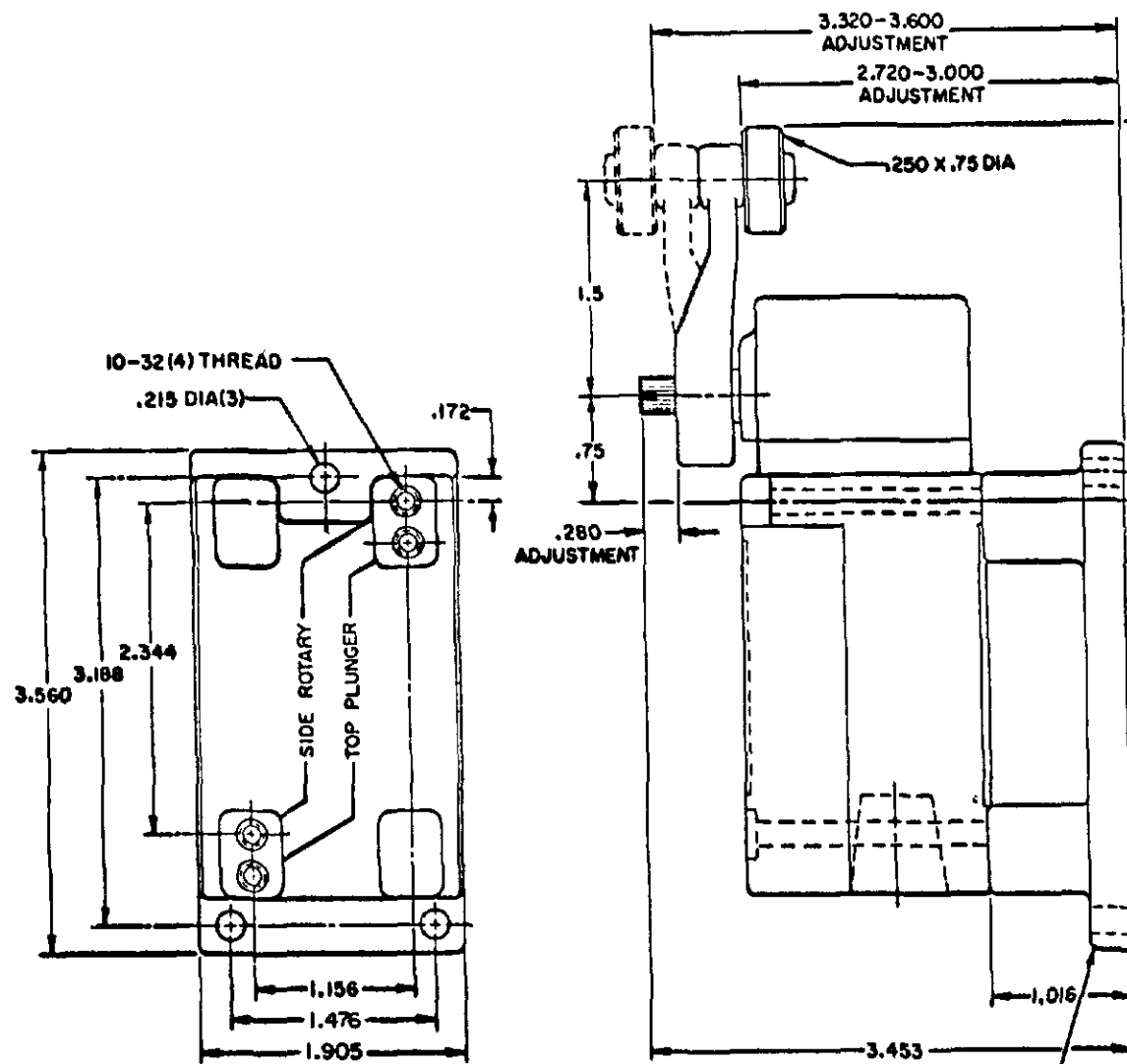
	CAT WHISKER			WOBBLE STICK		
	5/16" COIL	5/16" WIRE	7/16" WIRE	ROD	CABLE	WIRE
PRETRAVEL (APPROX) IN. RADIUS	2	2	4.5	1.0	1.5	4.0
OPERATING FORCE-OZ (MAX)	7.0	5.0	3.0	10.0	7.0	5.0

NOTE-

1 - ALL UNITS AVAILABLE WITH
FLOUROSILICONE AND VITON SEALS

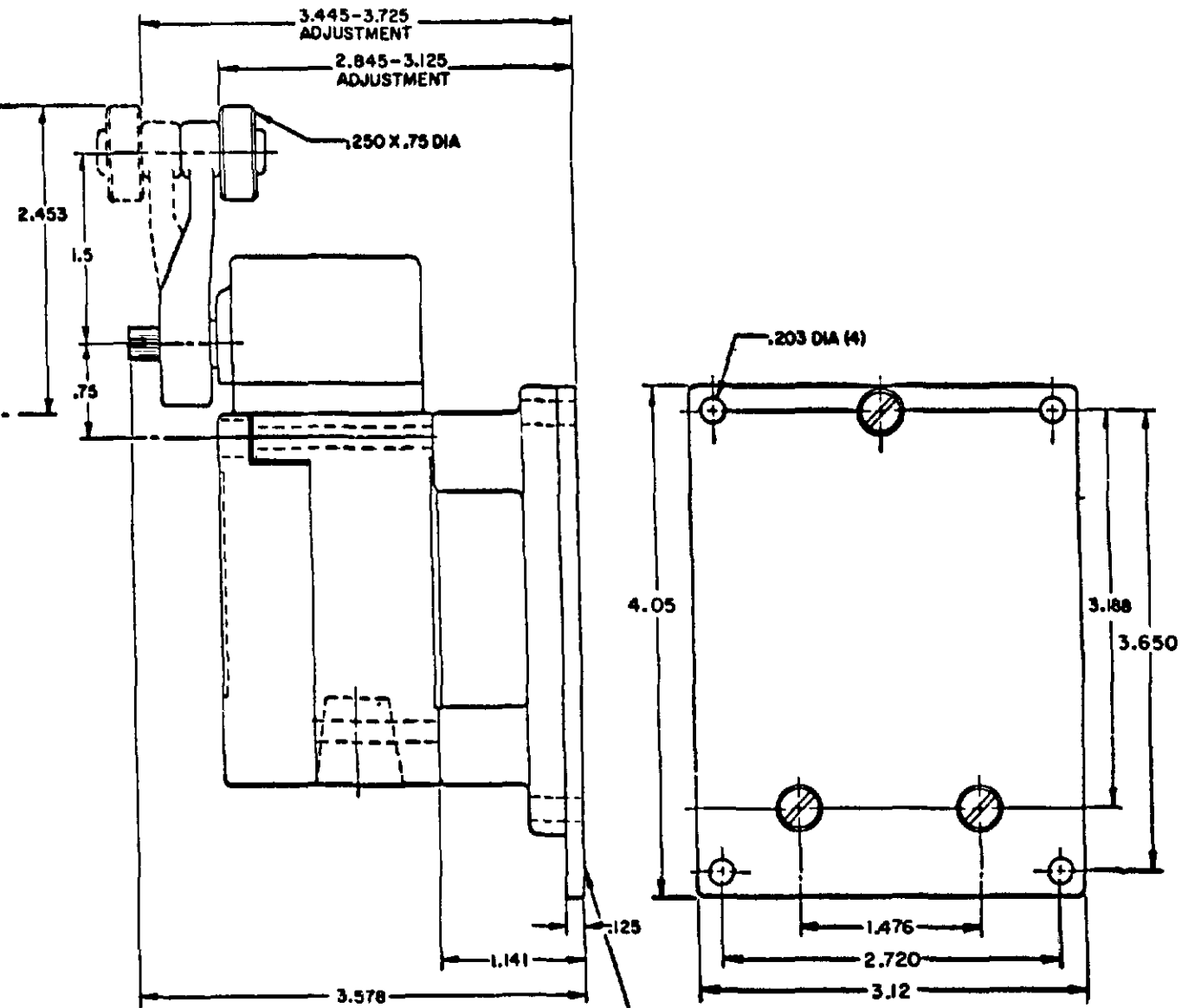
CONVERSION BASES

SINGLE POLE (SIDE ROTARY) LSZ 4003



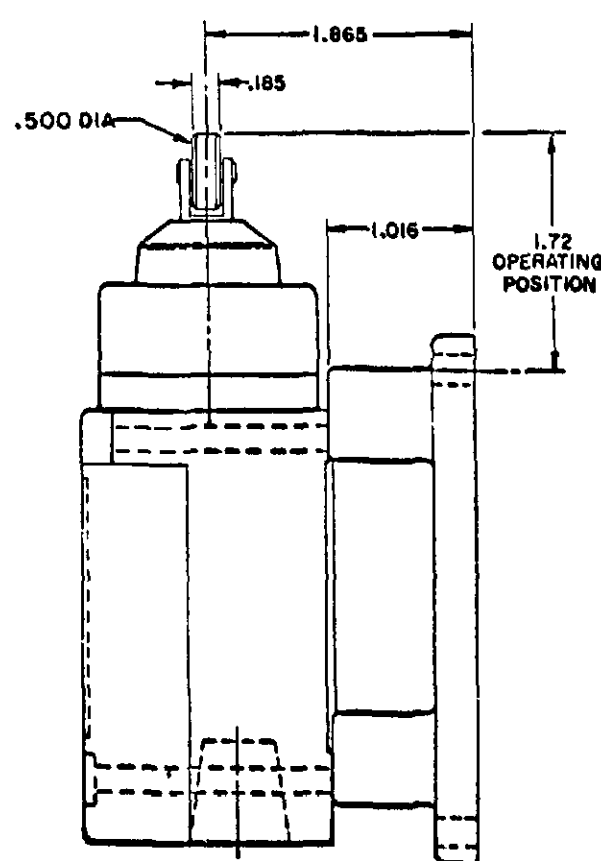
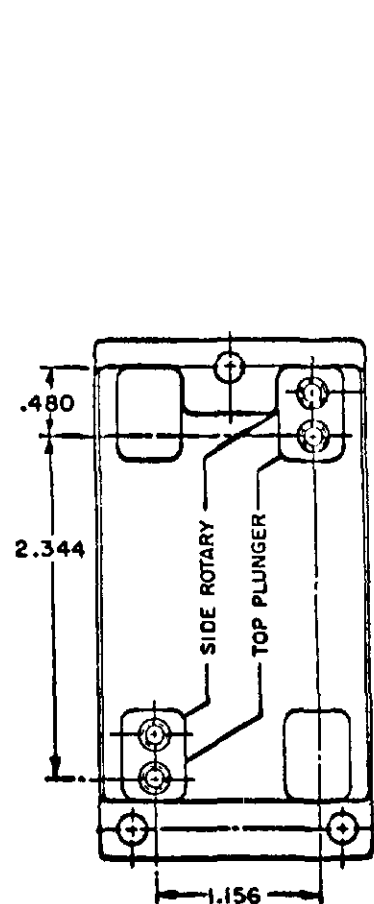
LSZ4003 CONVERSION BASE, WHEN USED WITH HEAVY DUTY LS WILL GIVE SAME TRACKING AS 201LS TYPE (LIMIT SWITCH NOT INCLUDED)

DOUBLE POLE (SIDE ROTARY) LSZ4004

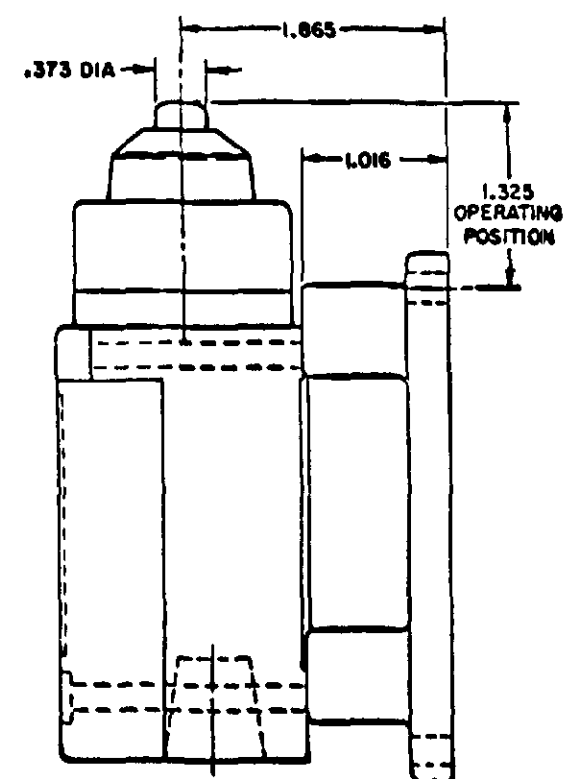


LSZ4004 (FURNISHED ASSEMBLED) CONVERSION BASE, WHEN USED WITH HDLS WILL GIVE SAME TRACKING AS 301LS TYPE (LIMIT SWITCH NOT INCLUDED)

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
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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

[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

USE THE FOLLOWING
TOLERANCES

ALL DIMENSIONS ARE IN INCHES

TOLERANCES ARE

SIZE PLACES	1.000	1.000
FIN PLACES	1.000	1.000
FINISH PLACES	1.000	1.000
FINISH	1.000	1.000

WILLIAM

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MICRO SWITCH
FREEPORT ILLINOIS U S A
A DIVISION OF HONEYWELL
FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
LSY SERIES
CHART 1

CATALOG LISTING		M		LSY SERIES CHART 1		PAGE 10 OF 10		REPLACES		CO-78499		10JUL07		PSR		CHECK		19APR05		AK		JAF		12 SEP 94		JGW		24 AUG 91			
7																															
ISSUE		7		LSY SERIES CHART 1		PAGE 10 OF 10		REPLACES		CO-78499		10JUL07		PSR		CHECK		19APR05		AK		JAF		12 SEP 94		JGW		24 AUG 91			
RASTER		DRAWN																													
REVISONS		A		1994B		C		10 JAN 00		B		200704		C		200853		D		21 JUL 00		E		0012601		F		10031956			
C		10 JAN 00		B		200704		C		200853		D		21 JUL 00		E		0012601		F		10031956		BS		10JUL07		SPK		19APR05	
D		21 JUL 00		E		0012601		F		10031956		BS		10JUL07		SPK		19APR05		10031956		BS		10JUL07		SPK		19APR05		10031956	
E		0012601		F		10031956		BS		10JUL07		SPK		19APR05		10031956		BS		10JUL07		SPK		19APR05		10031956		BS		10JUL07	
F		10031956		BS		10JUL07		SPK		19APR05		10031956		BS		10JUL07		SPK		19APR05		10031956		BS		10JUL07		SPK		19APR05	

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">C</td> <td colspan="2">23 JUN 00</td> <td colspan="2">C</td> <td colspan="2">200853</td> <td colspan="2">21 JUL 00</td> <td colspan="2">D</td> <td colspan="2">202198</td> </tr> <tr> <td colspan="2">E</td> <td colspan="2">0012601</td> <td colspan="2">23 JAN 01</td> <td colspan="2">F</td> <td colspan="2">10031956</td> <td colspan="2">BS</td> <td colspan="2">10JUL07</td> </tr> </table>														REVISONS		A		1994B		C		10 JAN 00		B		200704		C		23 JUN 00		C		200853		21 JUL 00		D		202198		E		0012601		23 JAN 01		F		10031956		BS		10JUL07	
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GJW		24 AUG 91		GJW		24 AUG 91		CHECK		GJW		24 AUG 91																																											
MASTER		DRAWN		MASTER		DRAWN		MASTER		DRAWN		MASTER																																											

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
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- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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JONHON

«JONHON» (основан в 1970 г.)

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«FORSTAR» (основан в 1998 г.)

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кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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