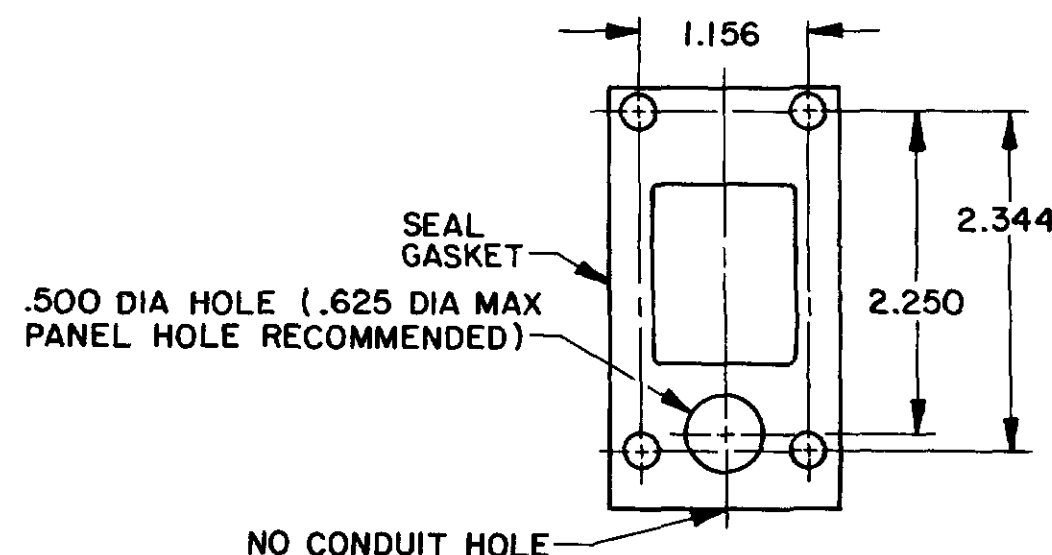
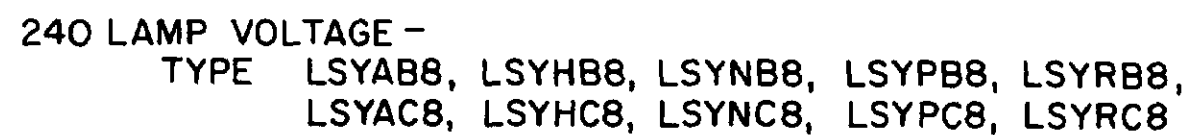
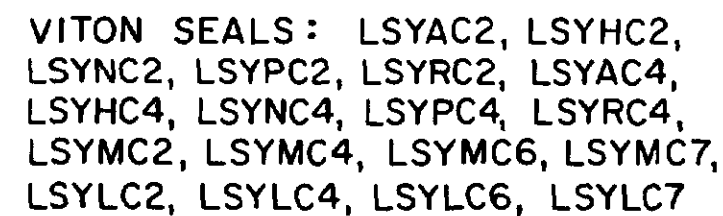


DOUBLE POLE



NOTE
1 - ALL UNITS AVAILABLE WITH
FLUOROSILICONE AND VITON SEALS

MICRO SWITCH REPORT MILANO'S U.S.A. A DIVISION OF HONEYWELL FED. REG. CODE 51929	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.	
	CATALOG LISTING LSY SERIES CHART 1	
SWITCH-ENCLOSED		



THIRD ANGLE PROJECTION

SCALE NONE

DO NOT SCALE PRINT

TOLERANCES

FIN. TO DECIMAL UNITS CONVERSIONS AND DIM. UNITS

FR. UNITS UNLESS NOTED OTHERWISE

FR. UNITS	DECIMAL UNITS	FR. UNITS	DECIMAL UNITS	FR. UNITS	DECIMAL UNITS
1/16	0.0625	1/8	0.125	3/16	0.1875
1/8	0.125	3/8	0.375	1/2	0.500
3/16	0.1875	1/2	0.500	3/4	0.750
1/4	0.250	5/8	0.625	1	1.000
5/16	0.3125	3/4	0.750	7/8	0.875
3/8	0.375	1	1.000		

DESIGN UNITS

1" = 1" (1:1)

1/2" = 1" (2:1)

3/4" = 1" (4:3)

1/4" = 1" (4:1)

1/8" = 1" (8:1)

1/16" = 1" (16:1)

1/32" = 1" (32:1)

1/64" = 1" (64:1)

1/128" = 1" (128:1)

1/256" = 1" (256:1)

1/512" = 1" (512:1)

1/1024" = 1" (1024:1)

1/2048" = 1" (2048:1)

1/4096" = 1" (4096:1)

1/8192" = 1" (8192:1)

1/16384" = 1" (16384:1)

1/32768" = 1" (32768:1)

1/65536" = 1" (65536:1)

1/131072" = 1" (131072:1)

1/262144" = 1" (262144:1)

1/524288" = 1" (524288:1)

1/1048576" = 1" (1048576:1)

1/2097152" = 1" (2097152:1)

1/4194304" = 1" (4194304:1)

1/8388608" = 1" (8388608:1)

1/16777216" = 1" (16777216:1)

1/33554432" = 1" (33554432:1)

1/67108864" = 1" (67108864:1)

1/134217728" = 1" (134217728:1)

1/268435456" = 1" (268435456:1)

1/536870912" = 1" (536870912:1)

1/1073741824" = 1" (1073741824:1)

1/2147483648" = 1" (2147483648:1)

1/4294967296" = 1" (4294967296:1)

1/8589934592" = 1" (8589934592:1)

1/17179869184" = 1" (17179869184:1)

1/34359738368" = 1" (34359738368:1)

1/68719476736" = 1" (68719476736:1)

1/137438953472" = 1" (137438953472:1)

1/274877906944" = 1" (274877906944:1)

1/549755813888" = 1" (549755813888:1)

1/1099511627776" = 1" (1099511627776:1)

1/2199023255552" = 1" (2199023255552:1)

1/4398046511104" = 1" (4398046511104:1)

1/8796093022208" = 1" (8796093022208:1)

1/17592186044416" = 1" (17592186044416:1)

1/35184372088832" = 1" (35184372088832:1)

1/70368744177664" = 1" (70368744177664:1)

1/140737488355328" = 1" (140737488355328:1)

1/281474976710656" = 1" (281474976710656:1)

1/562949953421312" = 1" (562949953421312:1)

1/1125899906842624" = 1" (1125899906842624:1)

1/2251799813685248" = 1" (2251799813685248:1)

1/4503599627370496" = 1" (4503599627370496:1)

1/9007199254740992" = 1" (9007199254740992:1)

1/18014398509481984" = 1" (18014398509481984:1)

1/36028797018963968" = 1" (36028797018963968:1)

1/72057594037927936" = 1" (72057594037927936:1)

1/144115188075855872" = 1" (144115188075855872:1)

1/288230376151711744" = 1" (288230376151711744:1)

1/576460752303423488" = 1" (576460752303423488:1)

1/1152921504606846976" = 1" (1152921504606846976:1)

1/2305843009213693952" = 1" (2305843009213693952:1)

1/4611686018427387904" = 1" (4611686018427387904:1)

1/9223372036854775808" = 1" (9223372036854775808:1)

1/18446744073709551616" = 1" (18446744073709551616:1)

1/36893488147419103232" = 1" (36893488147419103232:1)

1/73786976294838206464" = 1" (73786976294838206464:1)

1/147573952589676412928" = 1" (147573952589676412928:1)

1/295147905179352825856" = 1" (295147905179352825856:1)

1/590295810358705651712" = 1" (590295810358705651712:1)

1/1180591620717411303424" = 1" (1180591620717411303424:1)

1/2361183241434822606848" = 1" (2361183241434822606848:1)

1/4722366482869645213696" = 1" (4722366482869645213696:1)

1/9444732965739290427392" = 1" (9444732965739290427392:1)

1/18889465931478580854784" = 1" (18889465931478580854784:1)

1/37778931862957161709568" = 1" (37778931862957161709568:1)

1/75557863725914323419136" = 1" (75557863725914323419136:1)

1/151115727451828646838272" = 1" (151115727451828646838272:1)

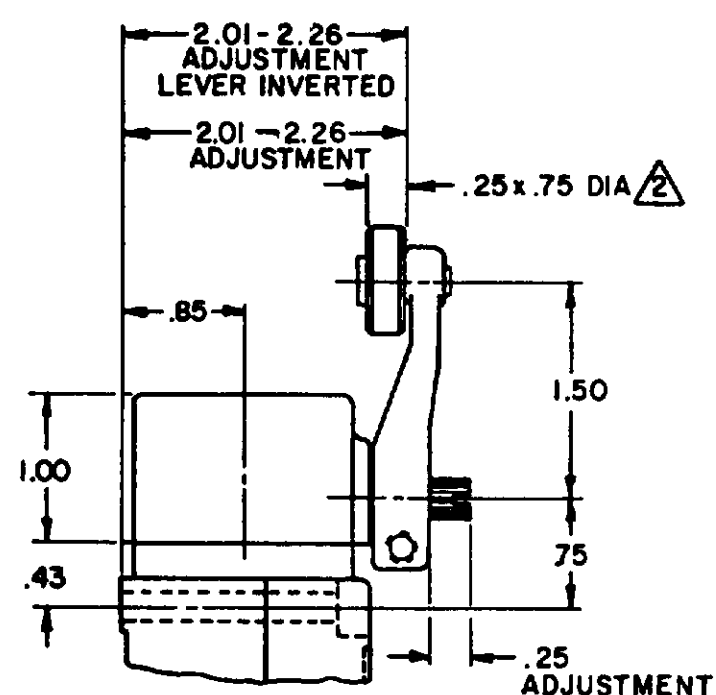
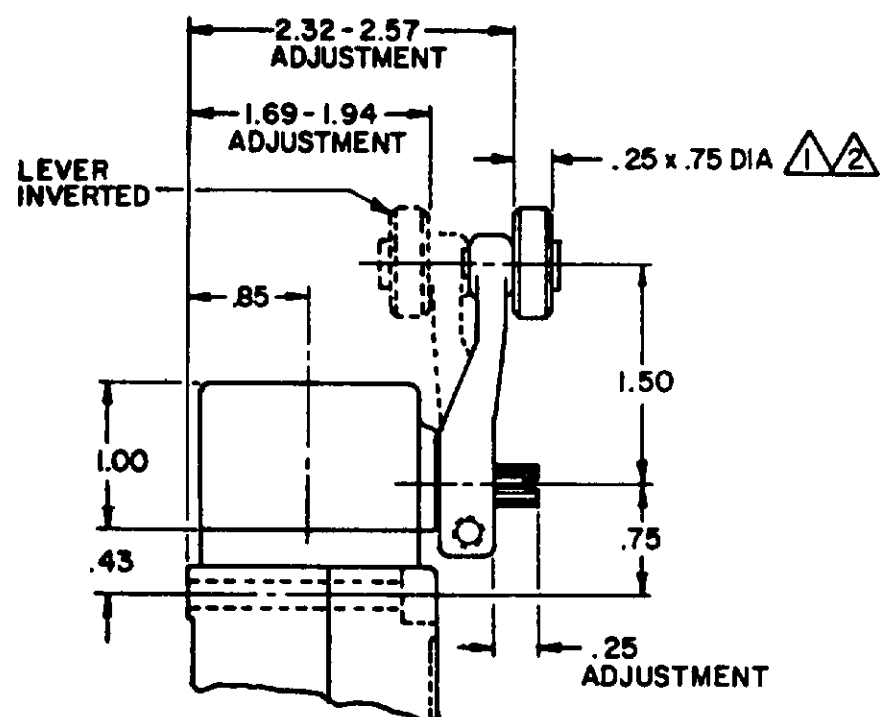
1/302231454903657293676544" = 1" (302231454903657293676544:1)

1/604462909807314587353088" = 1" (604462909807314587353088:1)

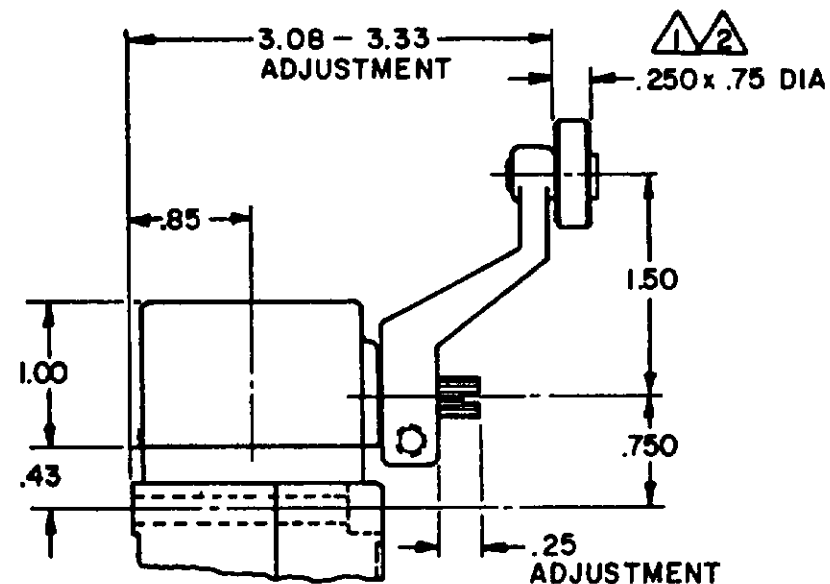
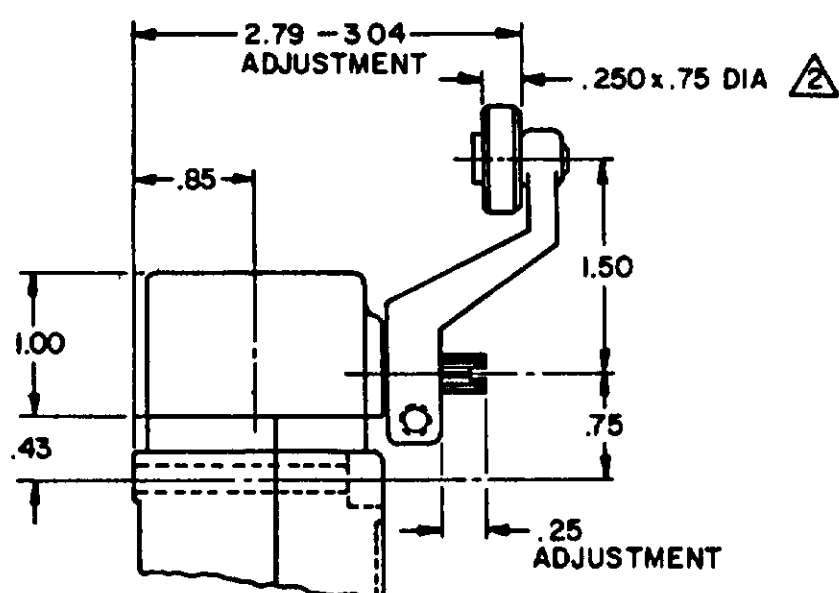
1/1208925819614629174706176" = 1" (1208925819614629174706176:1)

1/24178

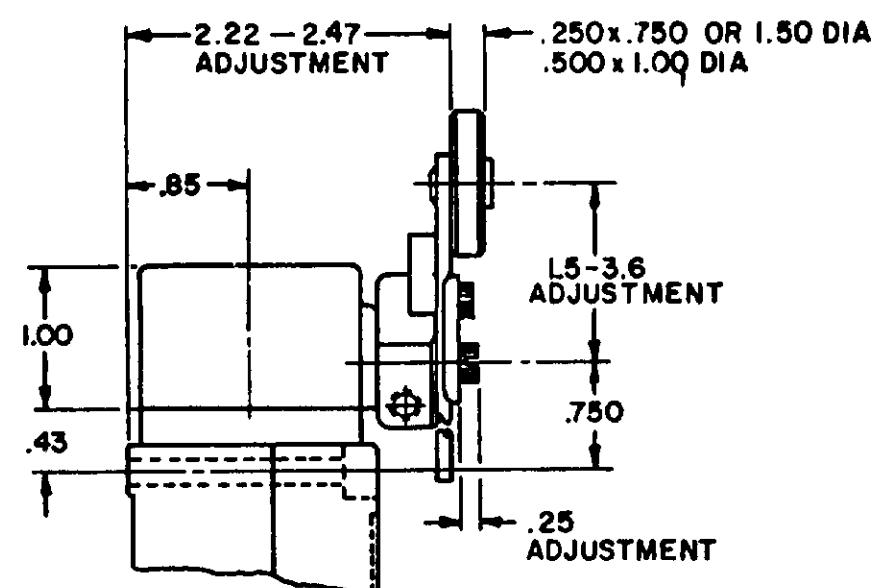
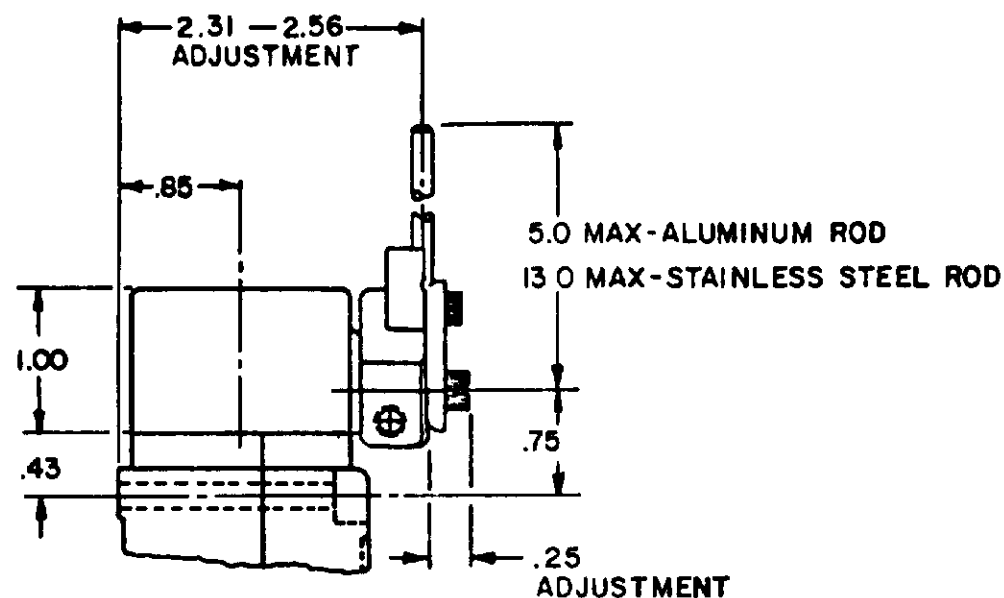
SIDE ROTARY CAM TRACKING



LSZ51 TYPE LEVERS

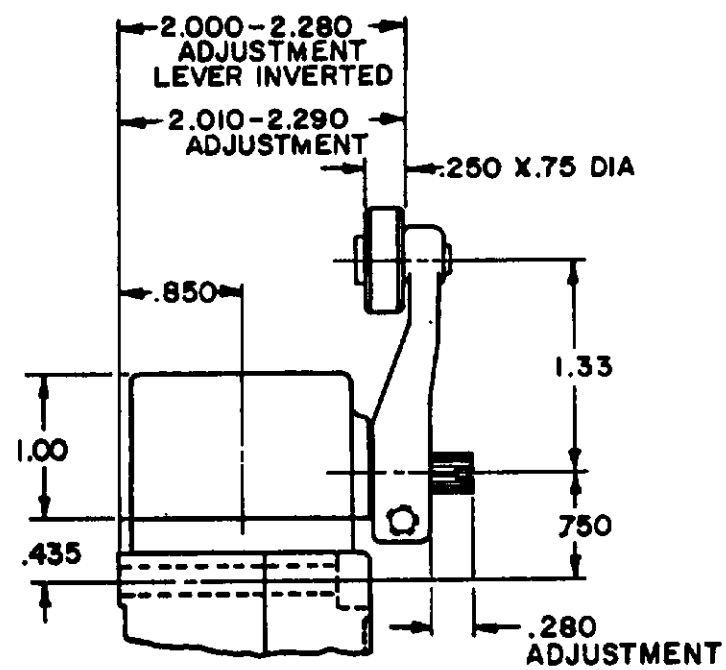
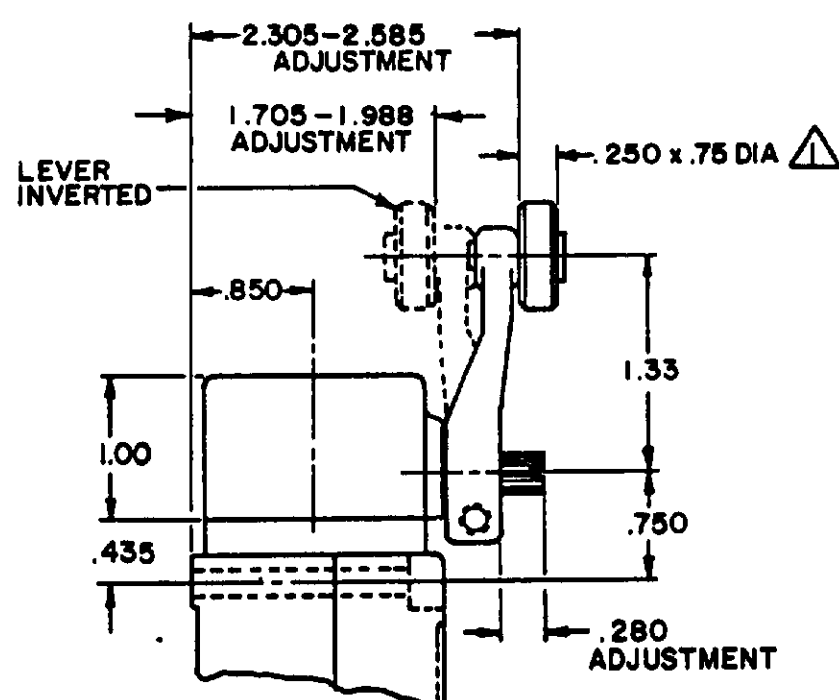


LSZ55 TYPE LEVERS



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)

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.

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

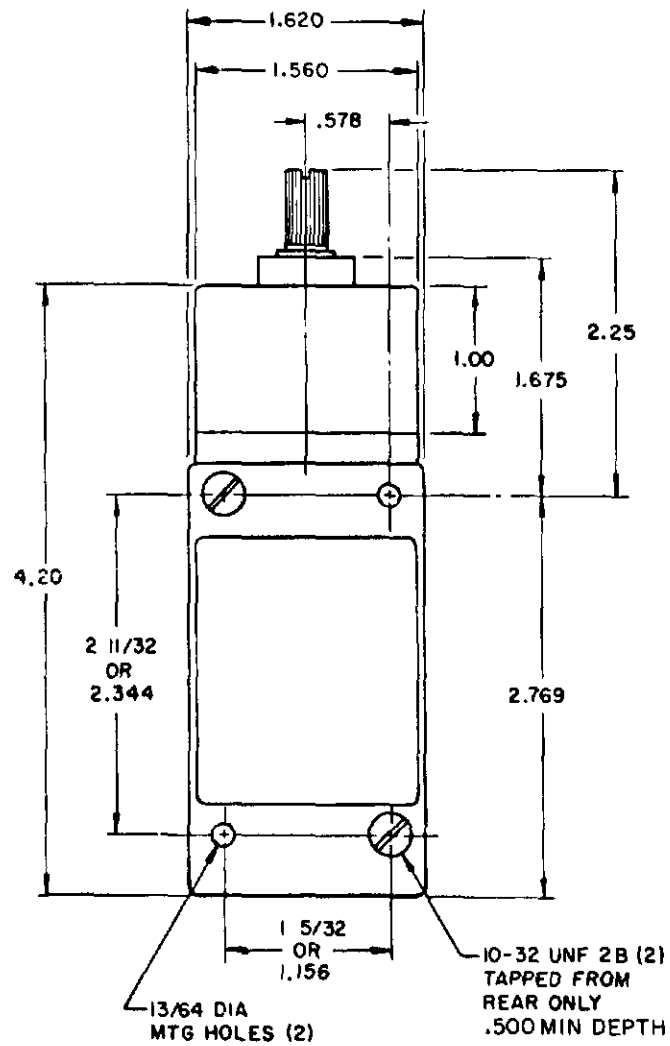
TWO PLACE (.00) ± .015

THREE PLACE (.000) ± .005

ANGLES ±

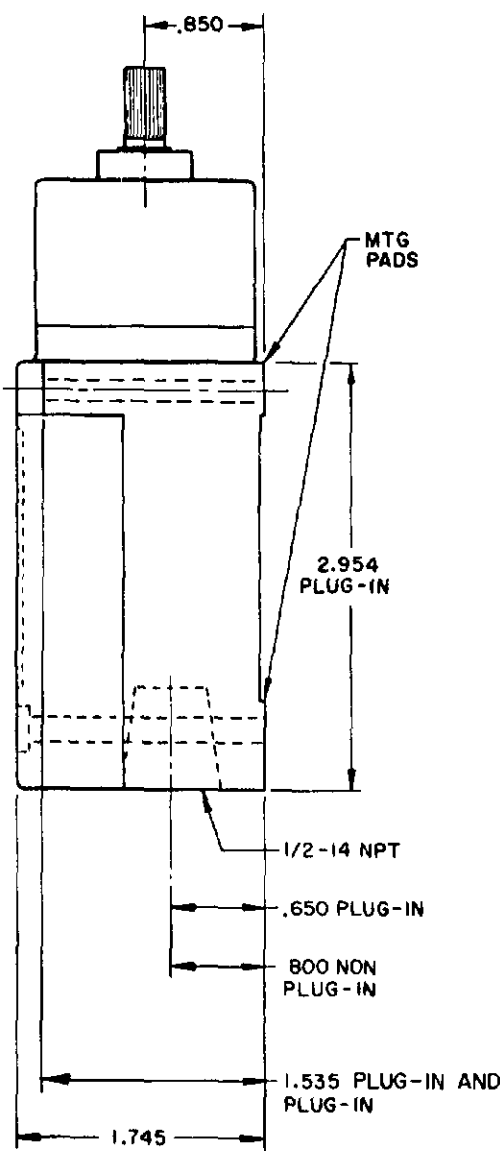
TOP ROTARY

SINGLE POLE



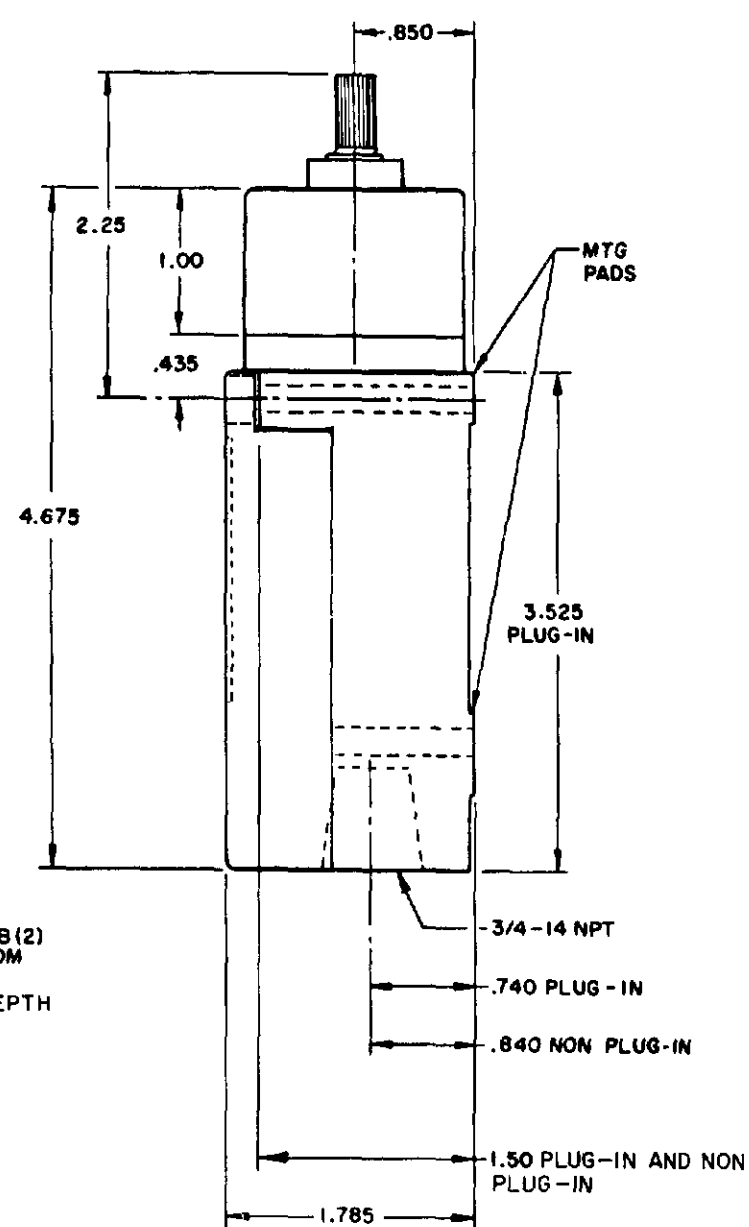
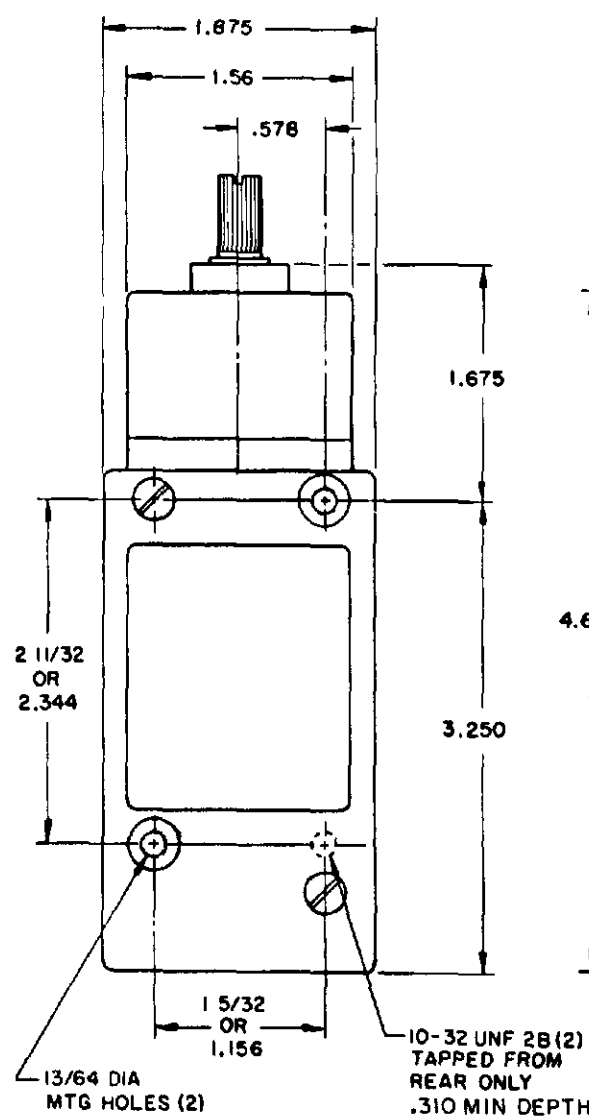
FLOUROSILICONE SEALS
LSYBB1 & LSYBB3

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

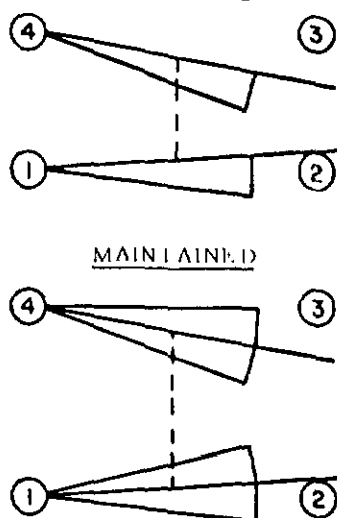
D.C. VOLTAGE	MAKE & BREAK INDUCTIVE	RESISTIVE
120	0.25	0.80
240	0.15	0.40

ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT.

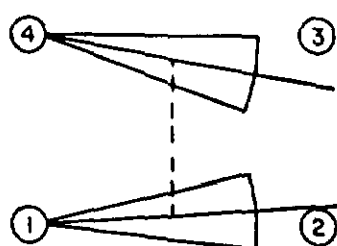
VOLTAGE	
5 AC OR DC MIN	.01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

SINGLE POLE

MOMENTARY



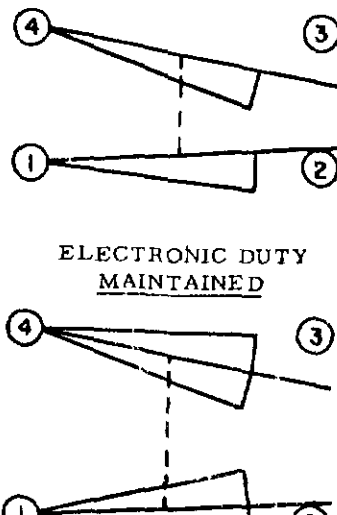
MAINTAINED



SINGLE POLE

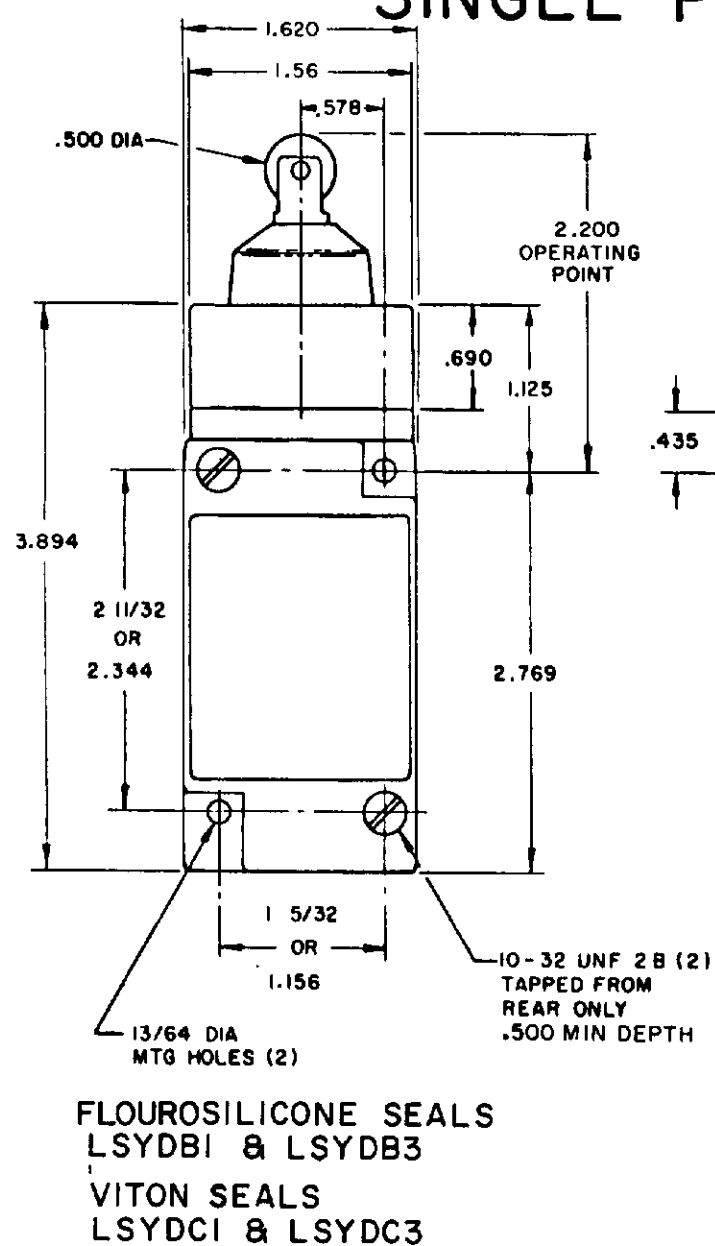
ELECTRONIC DUTY

MOMENTARY

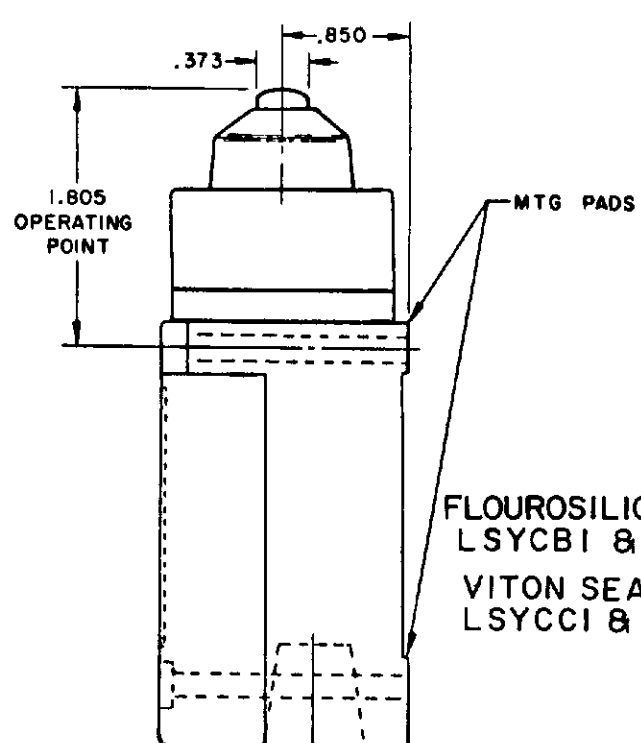
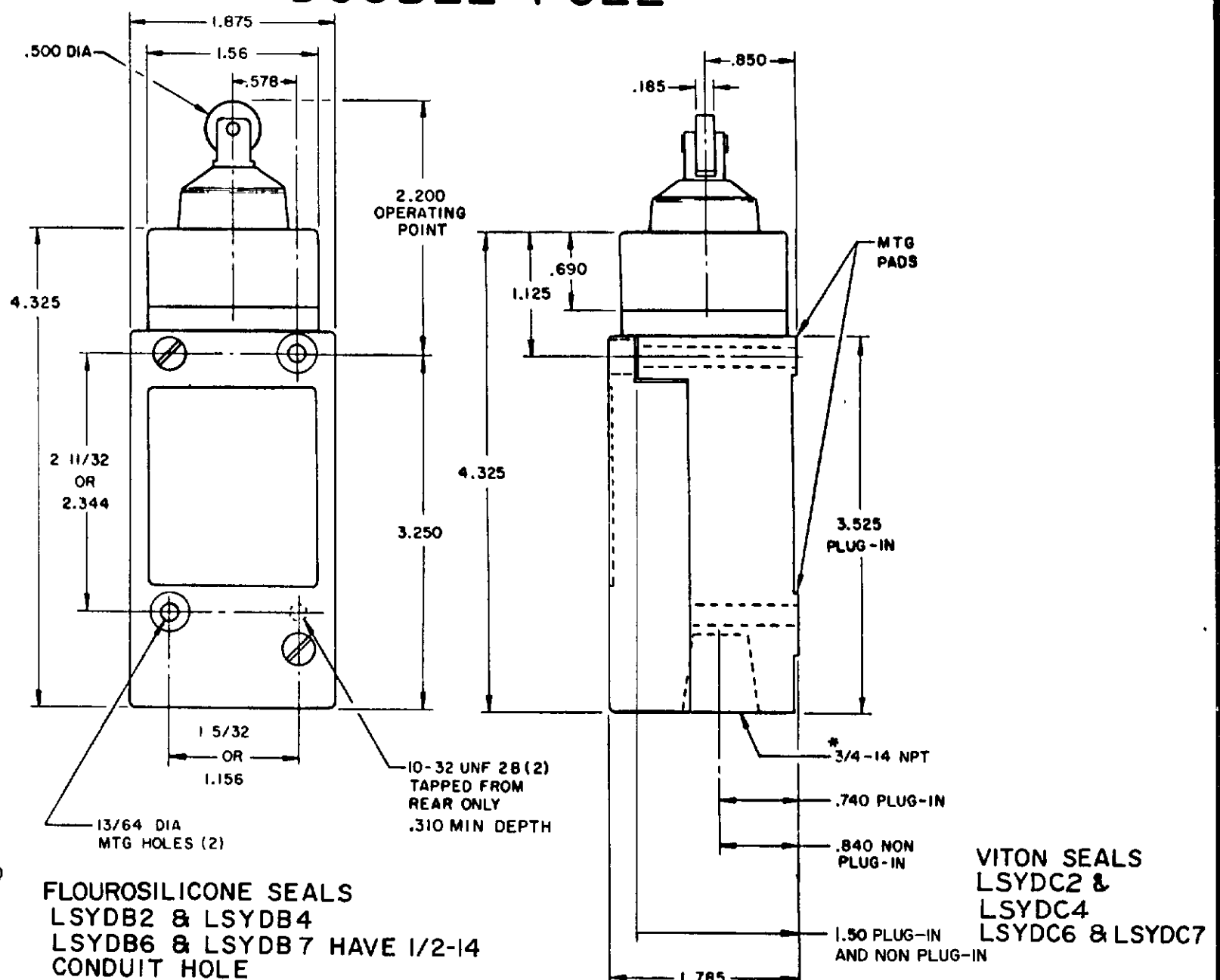


PLUNGER TYPE TOP

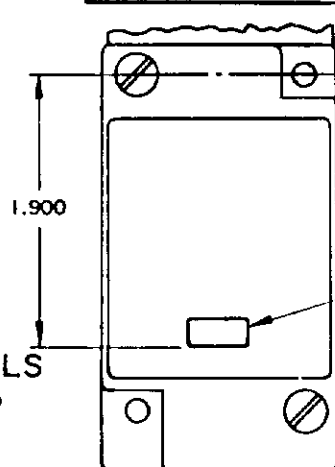
SINGLE POLE



DOUBLE POLE



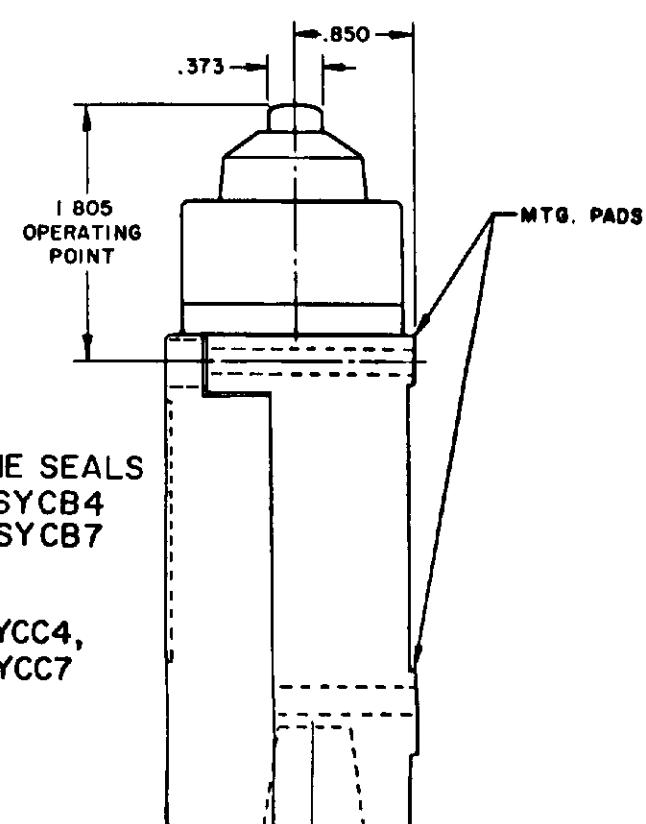
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



— 180 X .400 LENS
(FLUSH WITH HOUSING)

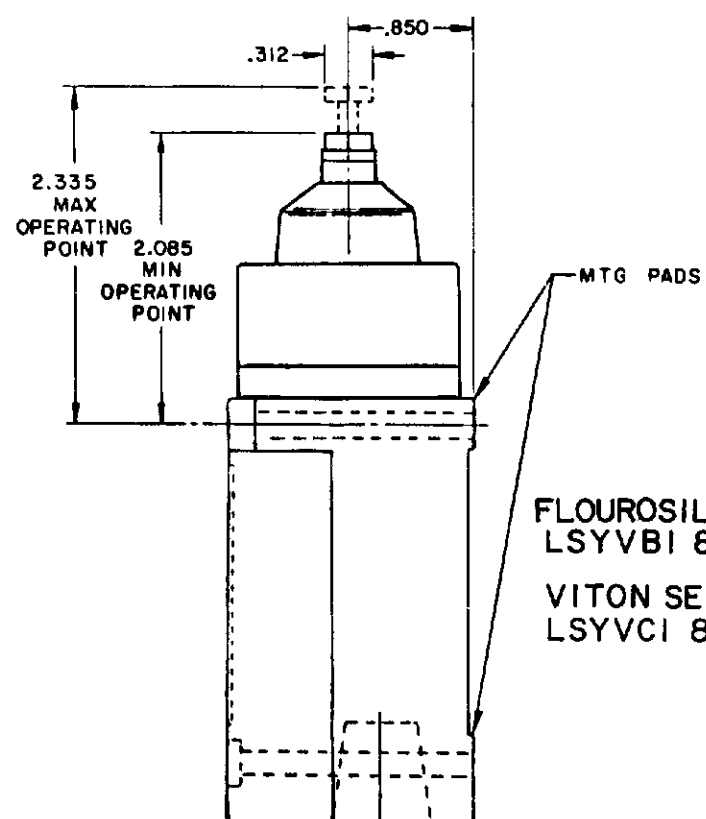
FLOUROSILICONE SEALS
LSYCB1 & LSYCB3
VITON SEALS
LSYCC1 & LSYCC3

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

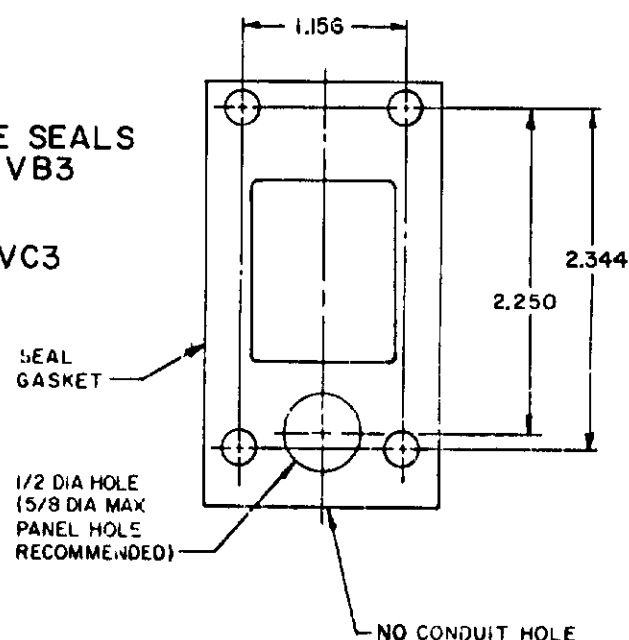


FLOUROSILICONE SEALS
LSYCB2 & LSYCB4
LSYCB6 & LSYCB7

VITON SEALS
LSYCC2 & LSYCC4,
LSYCC6 & LSYCC7

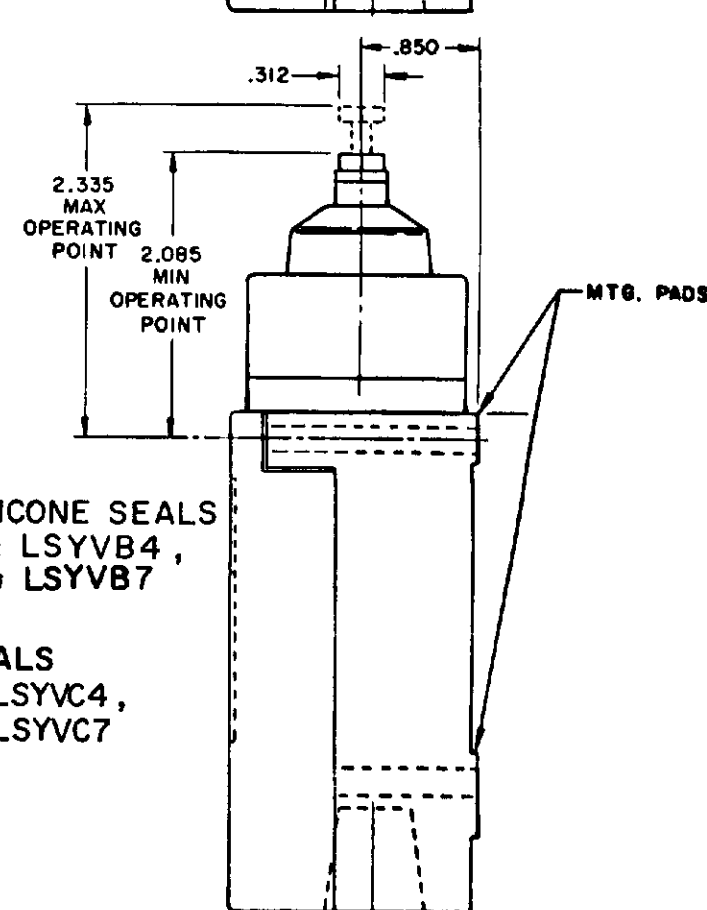


MANIFOLD MOUNT (PLUG-IN ONLY)
SINGLE POLE AND DOUBLE POLE
TYPE LSYA THROUGH LSYW SERIES



FLOUROSILICONE SEALS
LSYVB2 & LSYVB4,
LSYVB6 & LSYVB7

VITON SEALS
LSYVC2 & LSYVC4,
LSYVC6 & LSYVC7



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

MICRO SWITCH
FREEDPORT, TEXAS U.S.A.
A DIVISION OF MONEYSWELL
FID. MFG. CODE 91820

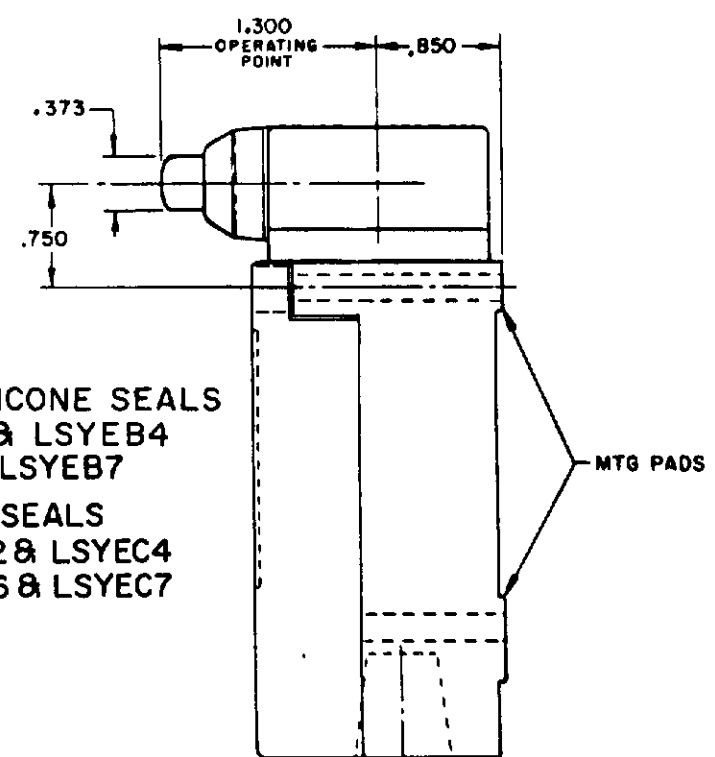
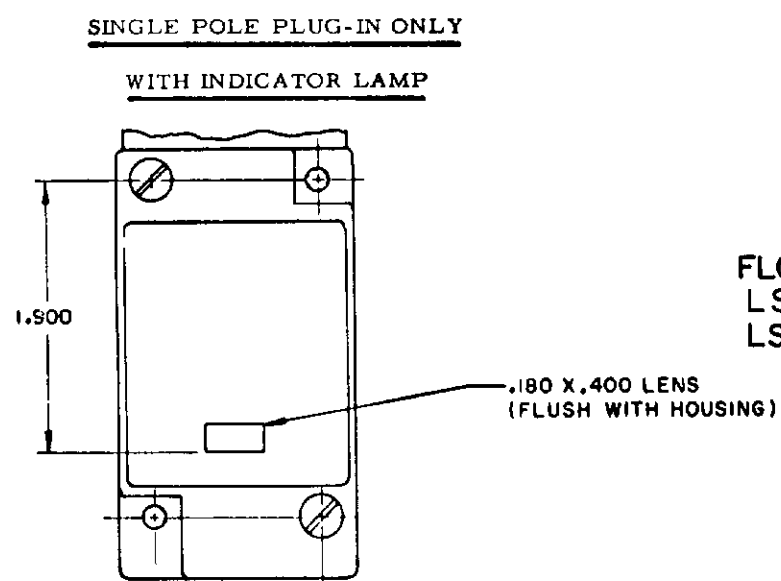
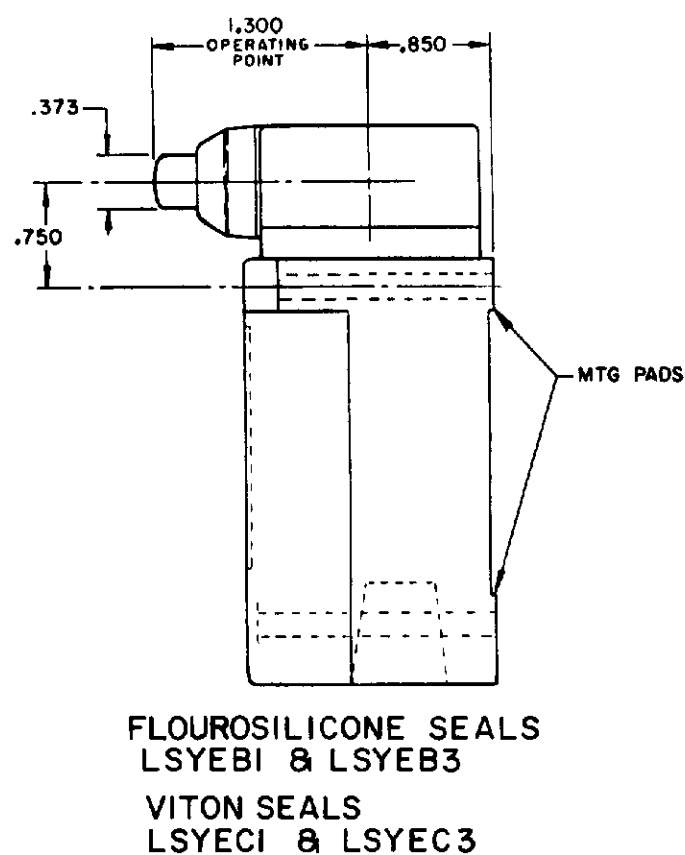
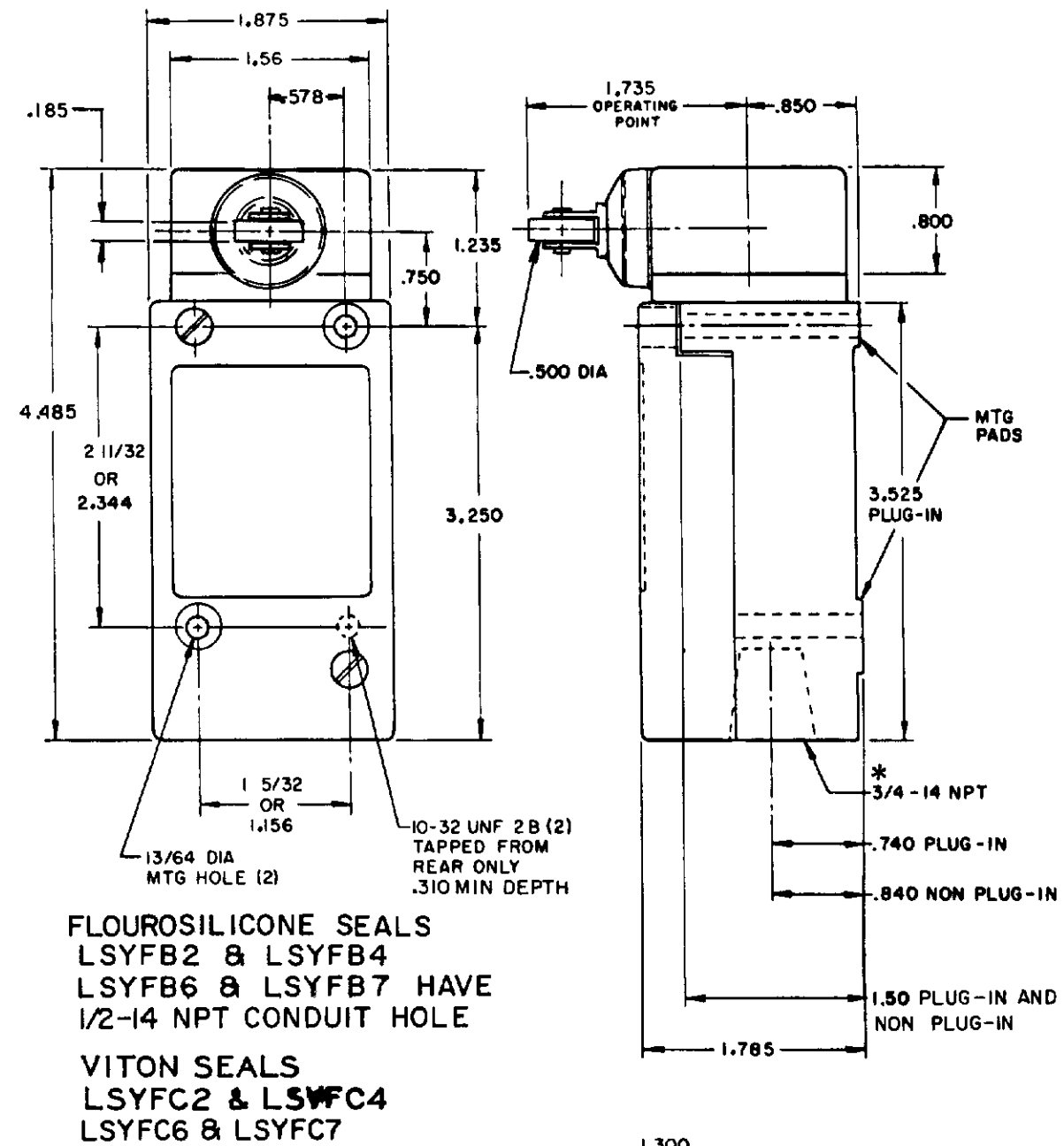
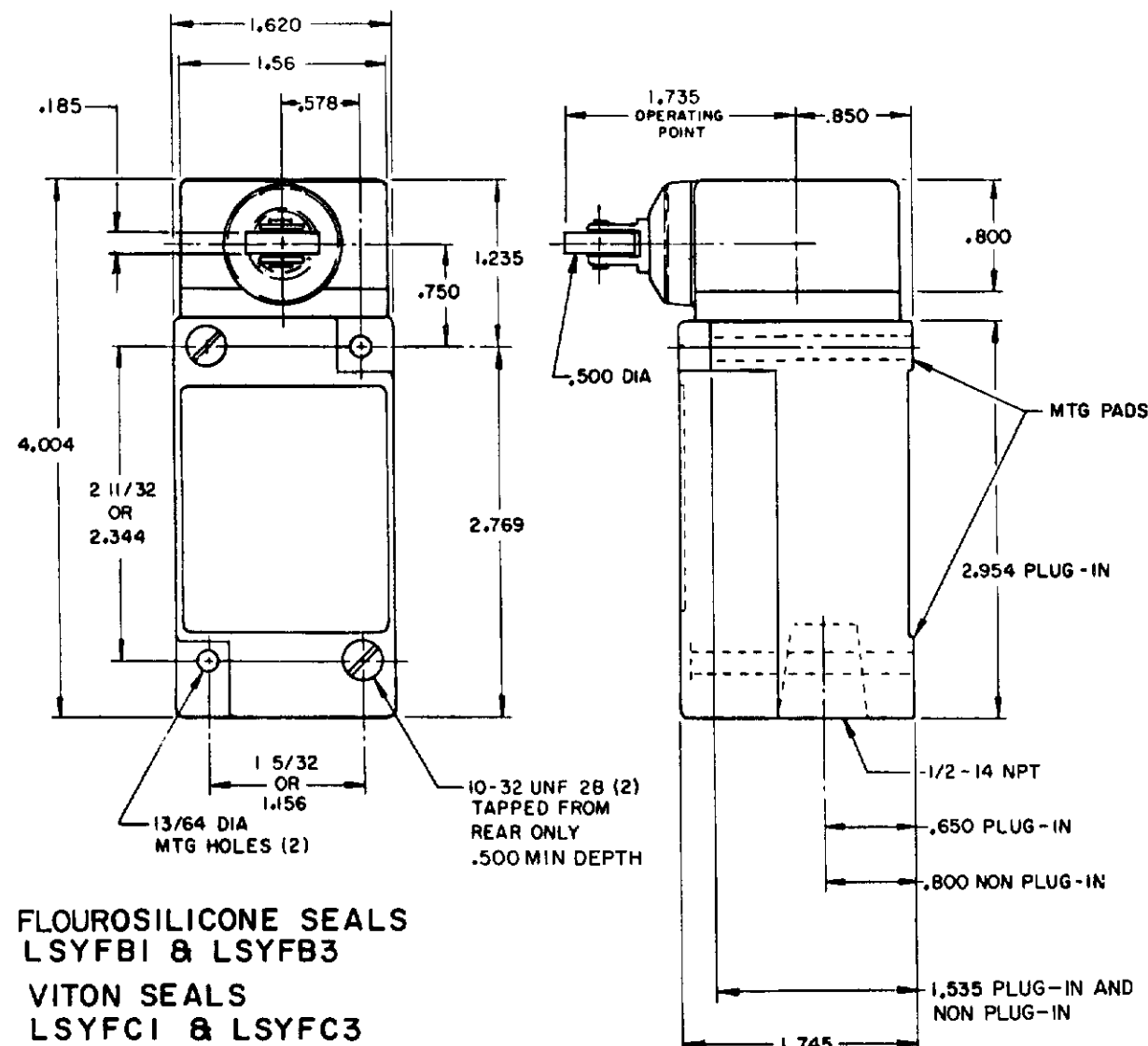
SWITCH - ENCLOSED

LSY SERIES
CHART 1

SIDE PLUNGER TYPE

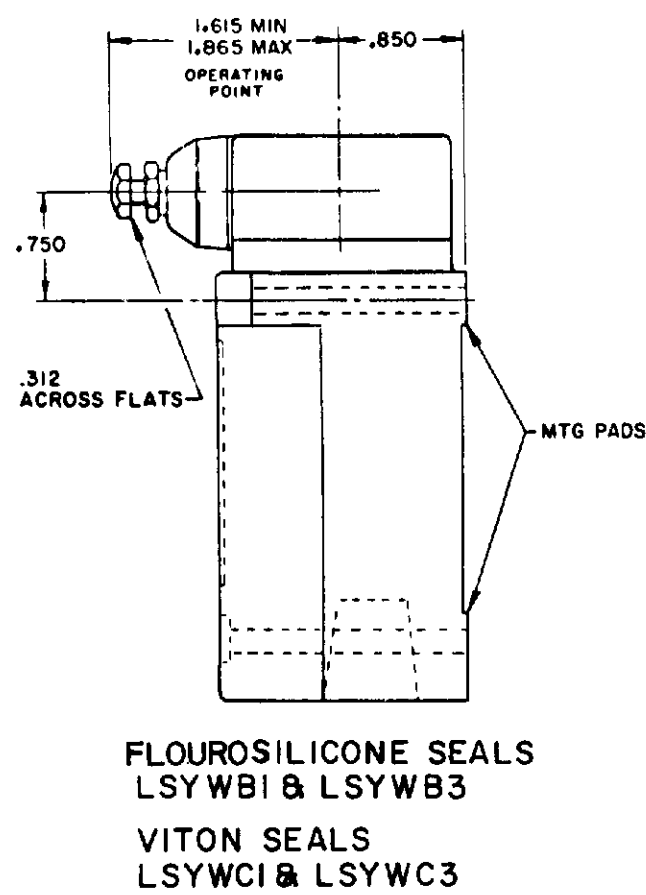
SINGLE POLE

DOUBLE POLE

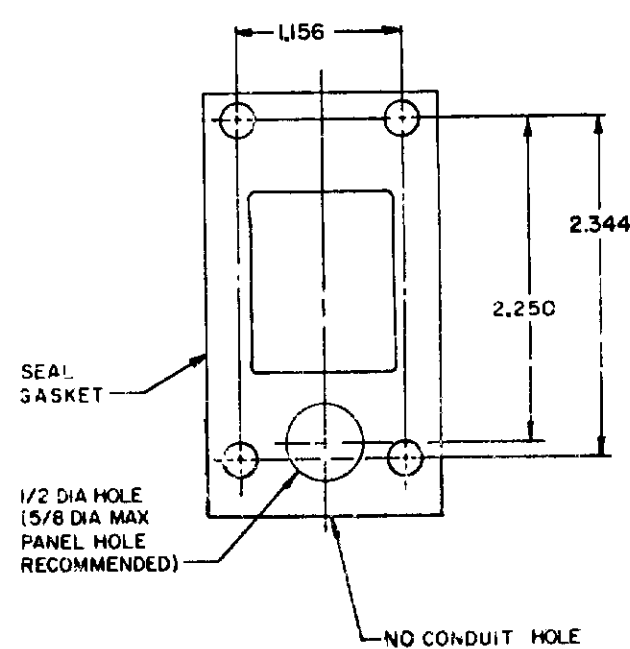


120 LAMP VOLTAGE -
LSYFB5, LSYEB5, LSYWB5
LSYFC5, LSYEC5, LSYWC5

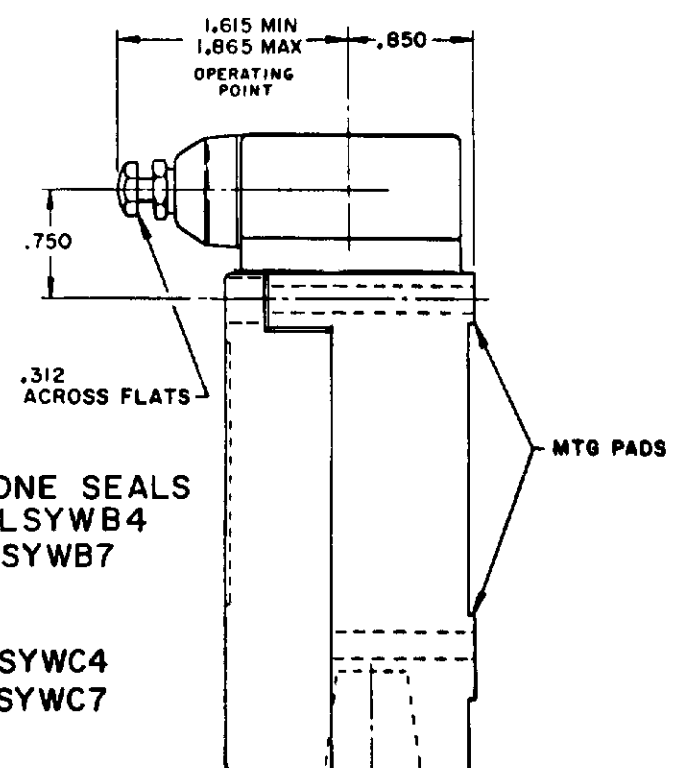
240 LAMP VOLTAGE -
LSYFB8, LSYEB8, LSYWB8
LSYFC8, LSYEC8, LSYWC8



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



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



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

MICRO SWITCH
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, A DIVISION OF HONEYWELL.
FED. REG. COPY # 948

SWITCH - ENCLOSED

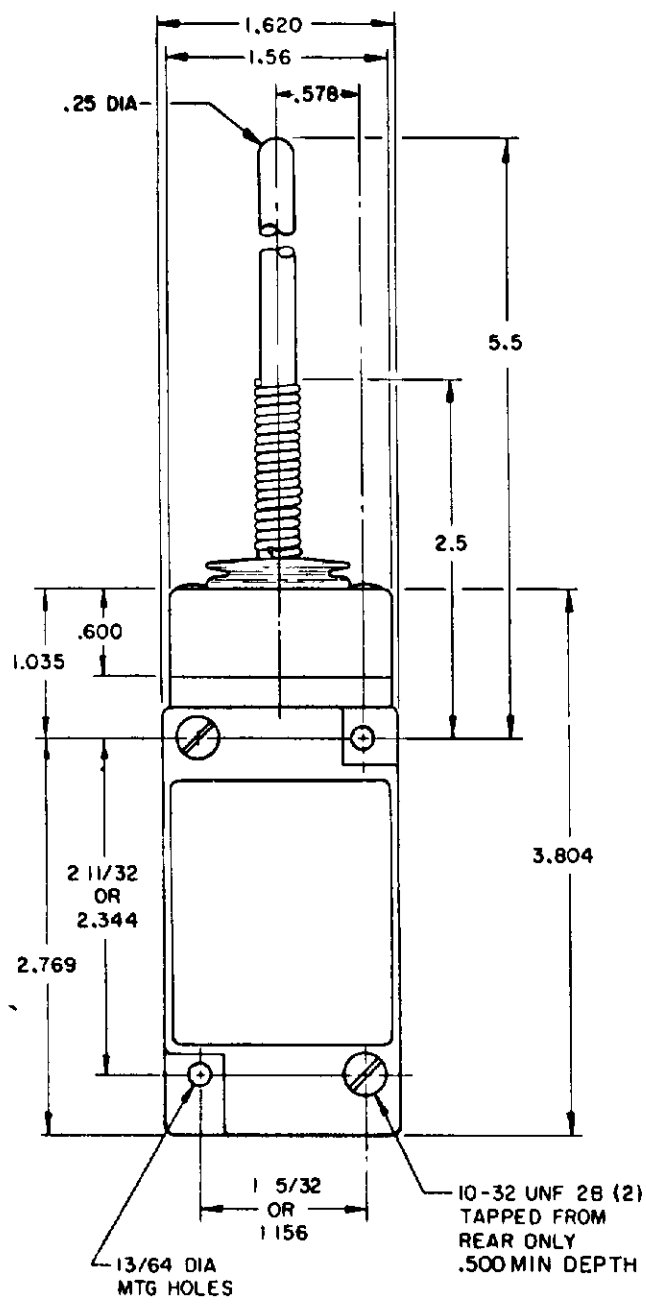
LSY SERIES
CATALOG LISTING
CHART 1

SCALE NONE
DO NOT SCALE PRINT

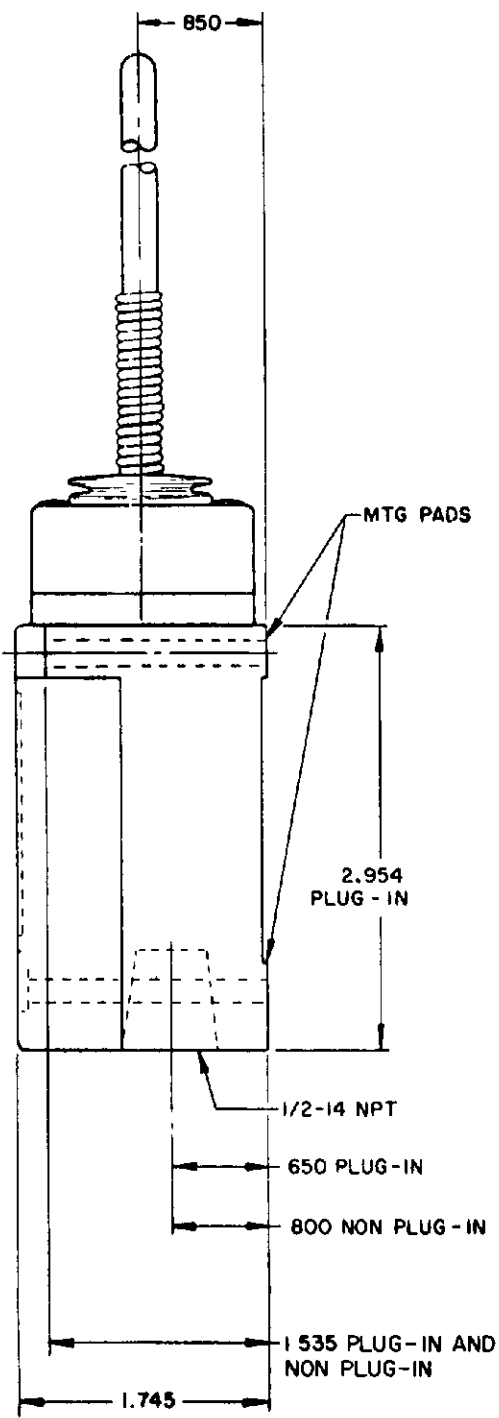
WOBBLE STICK

SINGLE POLE

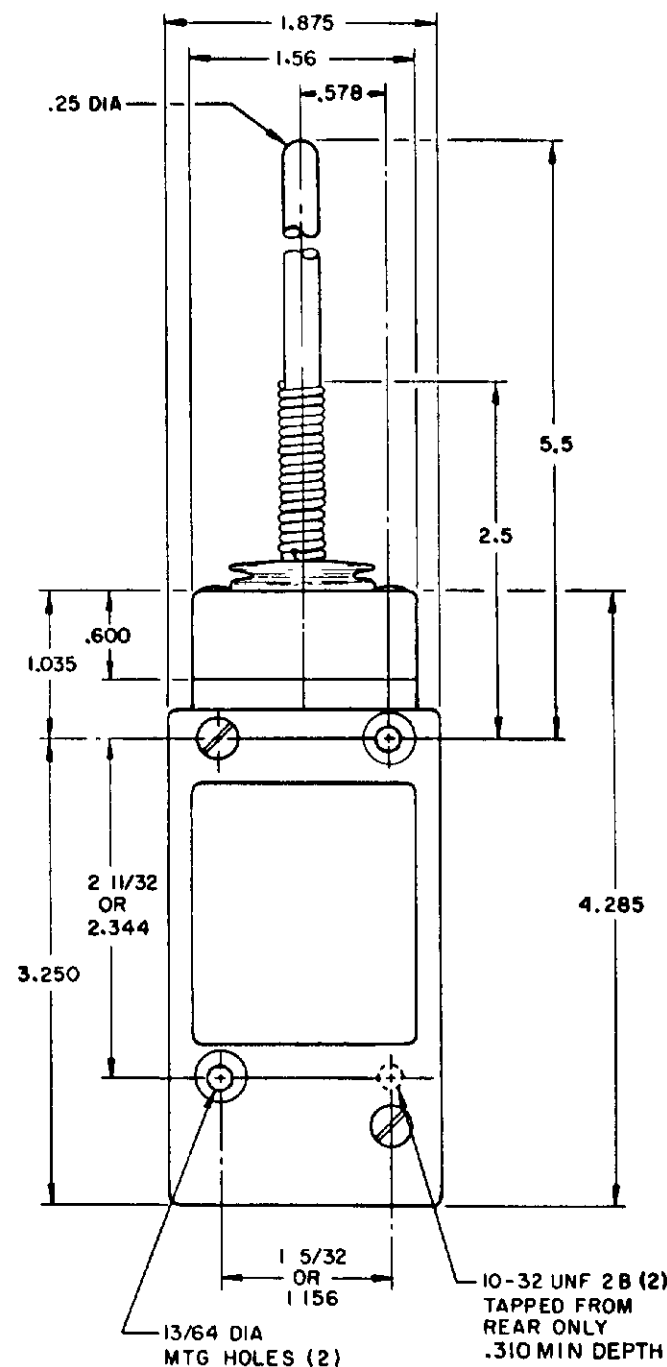
DOUBLE POLE



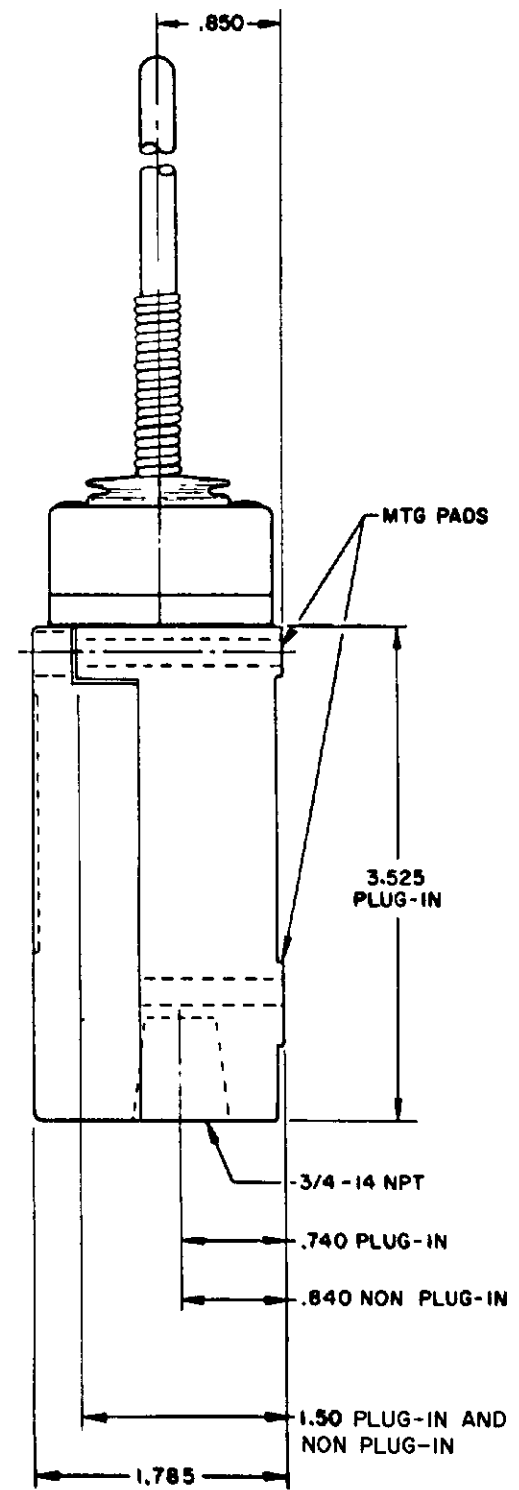
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



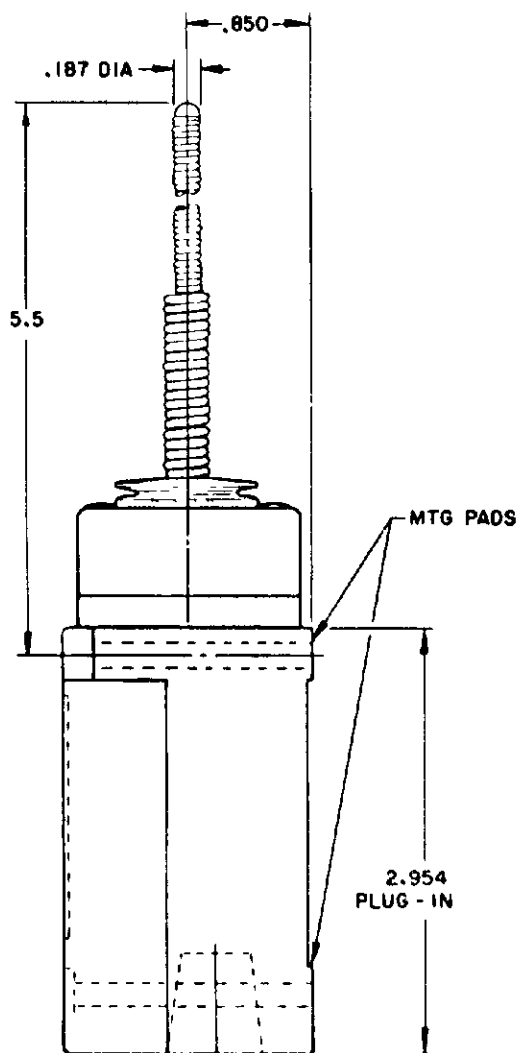
**REPLACEMENT ACTUATOR
LSZ 4009**



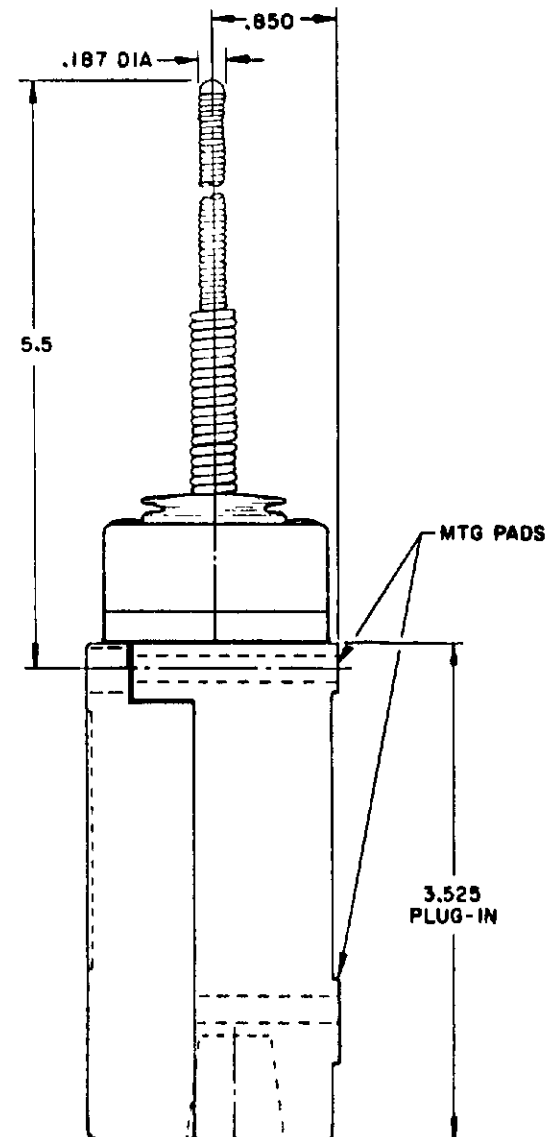
**PLASTIC EXTENSION
TYPE 7A ACTUATOR**



**REPLACEMENT ACTUATOR
LSZ 4011**

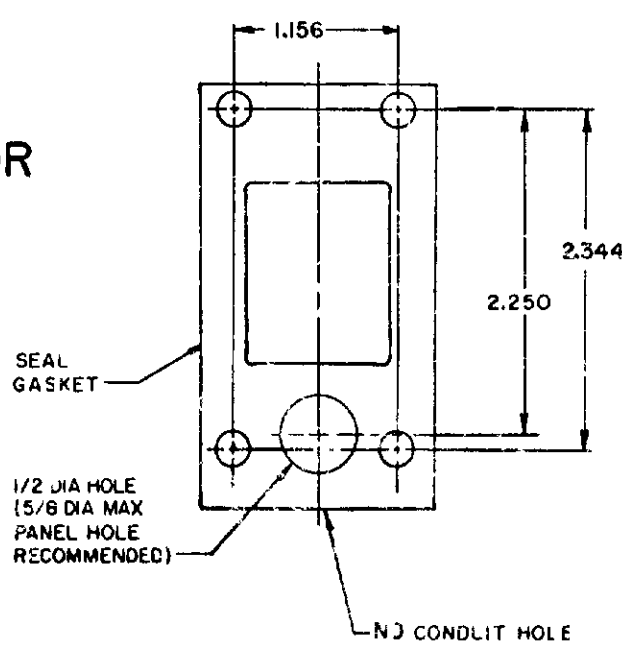


**CABLE EXTENSION
TYPE 7N ACTUATOR**



**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

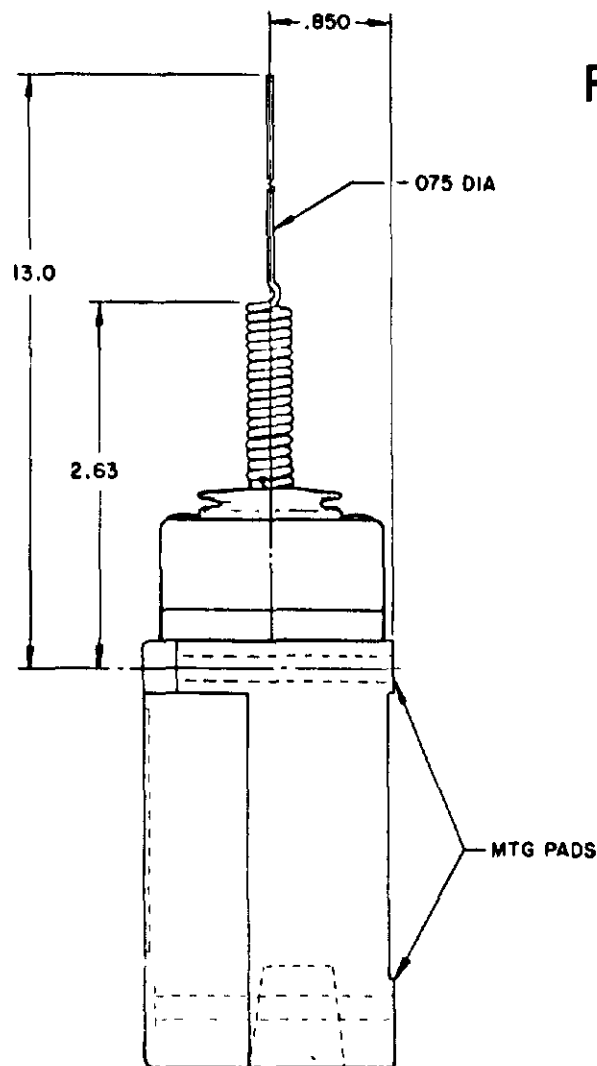
MICRO SWITCH
FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

SWITCH-ENCLOSED

CHART 1

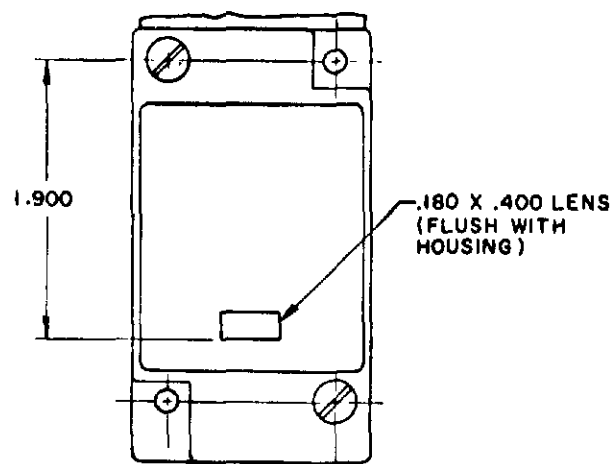
LSY SERIES

SCALE NONE
DO NOT SCALE PRINT

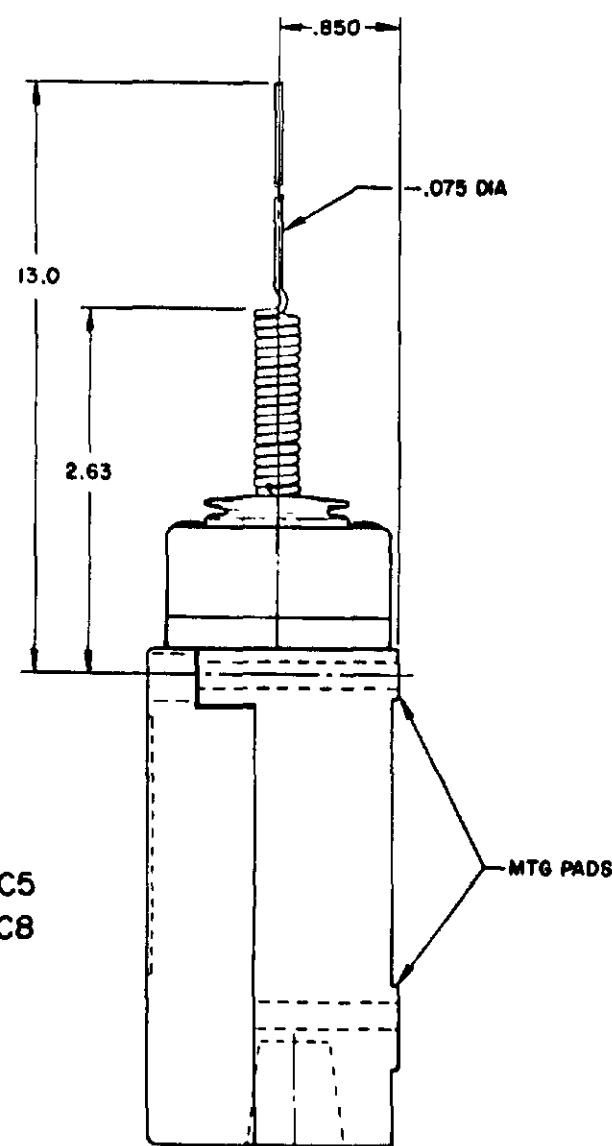


REPLACEMENT ACTUATOR LSZ4010

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

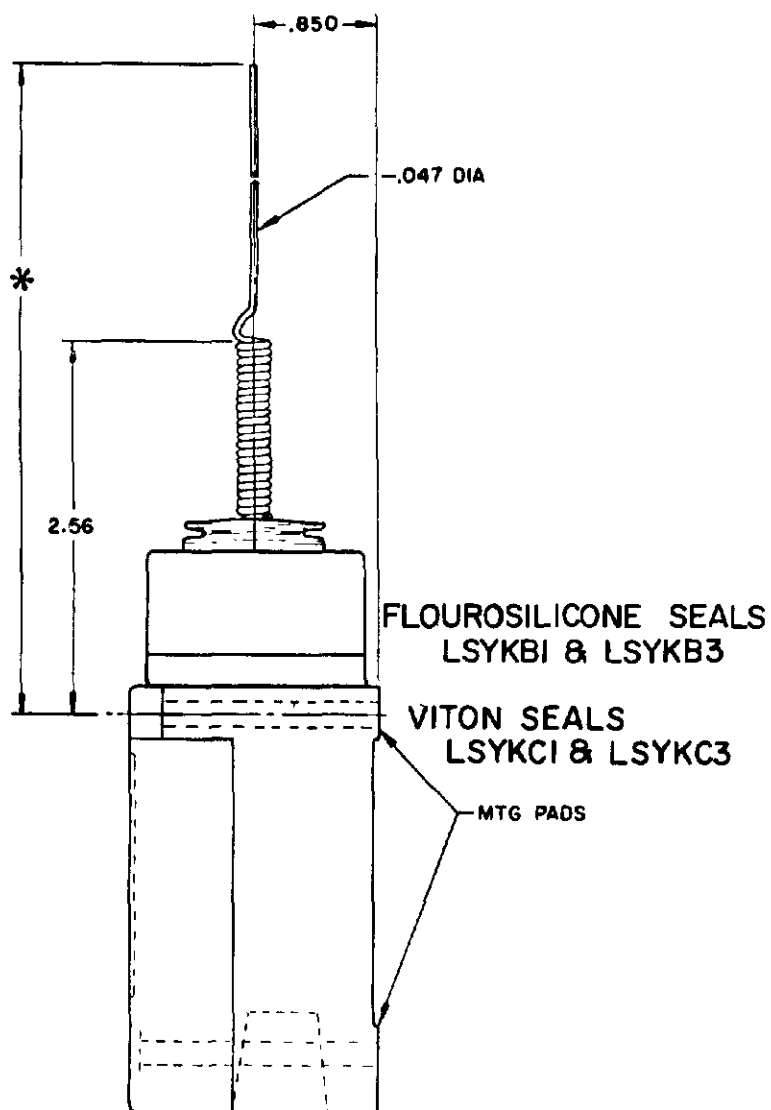
LSYJB6 & LSYJB7 HAVE 1/2-14 NPT CONDUIT HOLE

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

REPLACEMENT ACTUATOR LSZ 4010

CAT WHISKER

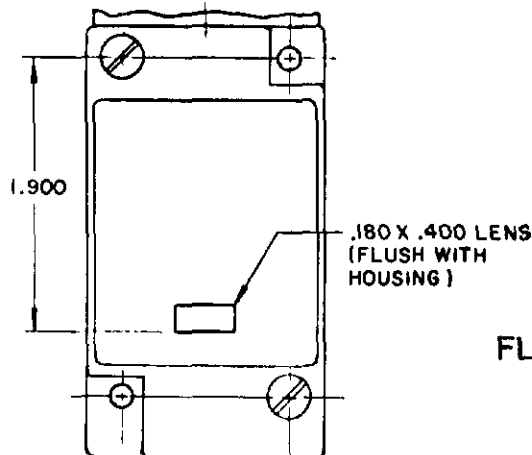
SINGLE POLE



WIRE EXTENSION

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

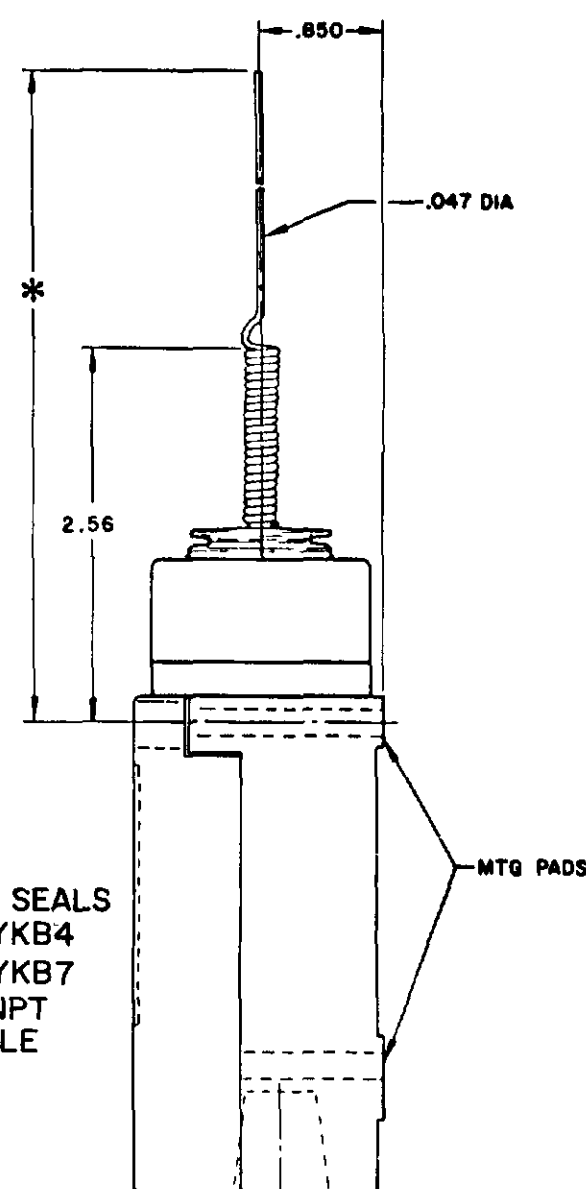
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



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.
A DIVISION OF HONEYWELL
FED. REG. CODE 91999

SWITCH-ENCLOSED

CHART 1

LSY SERIES

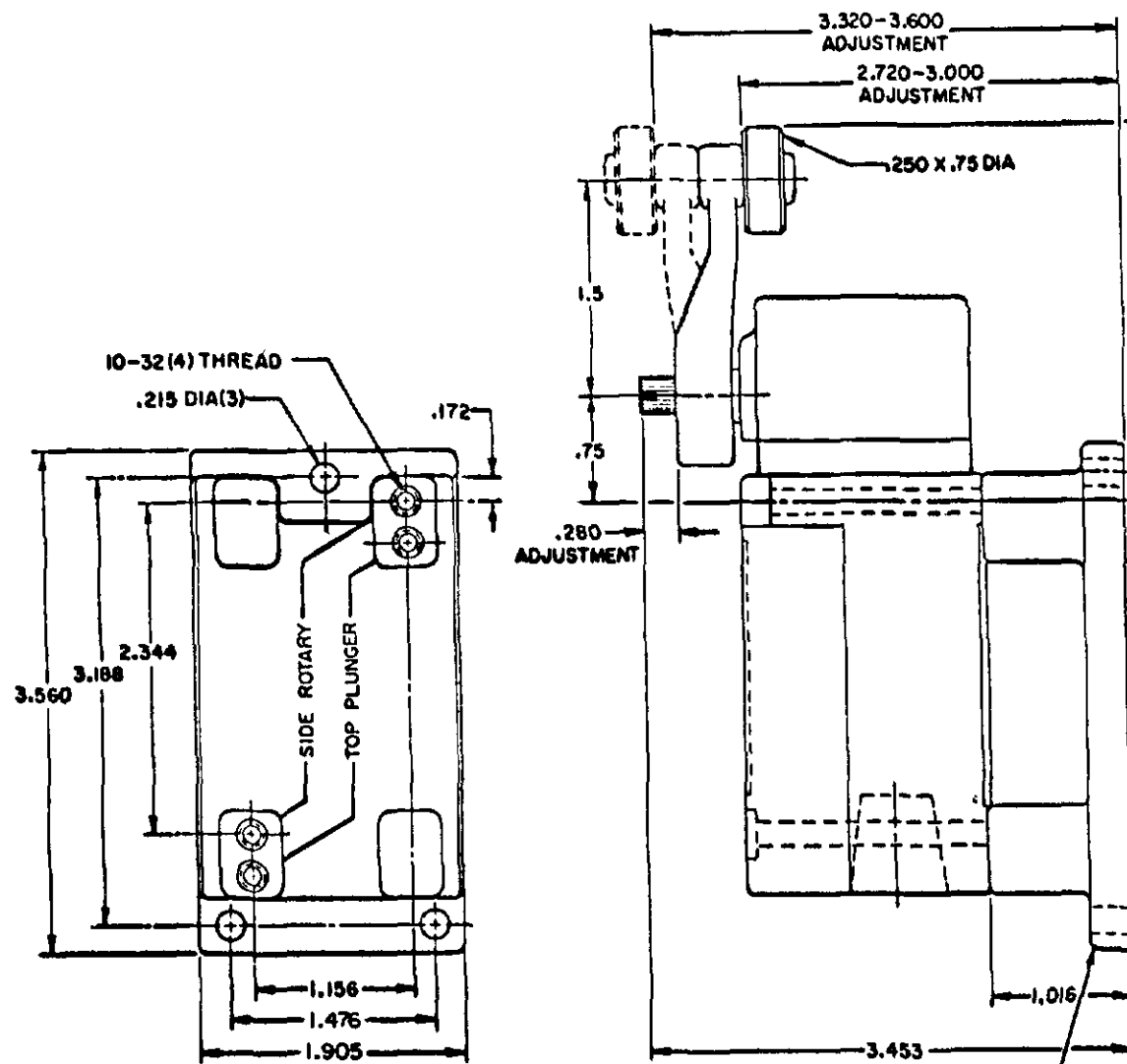
SCALE NONE
DO NOT SCALE PRINT

	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

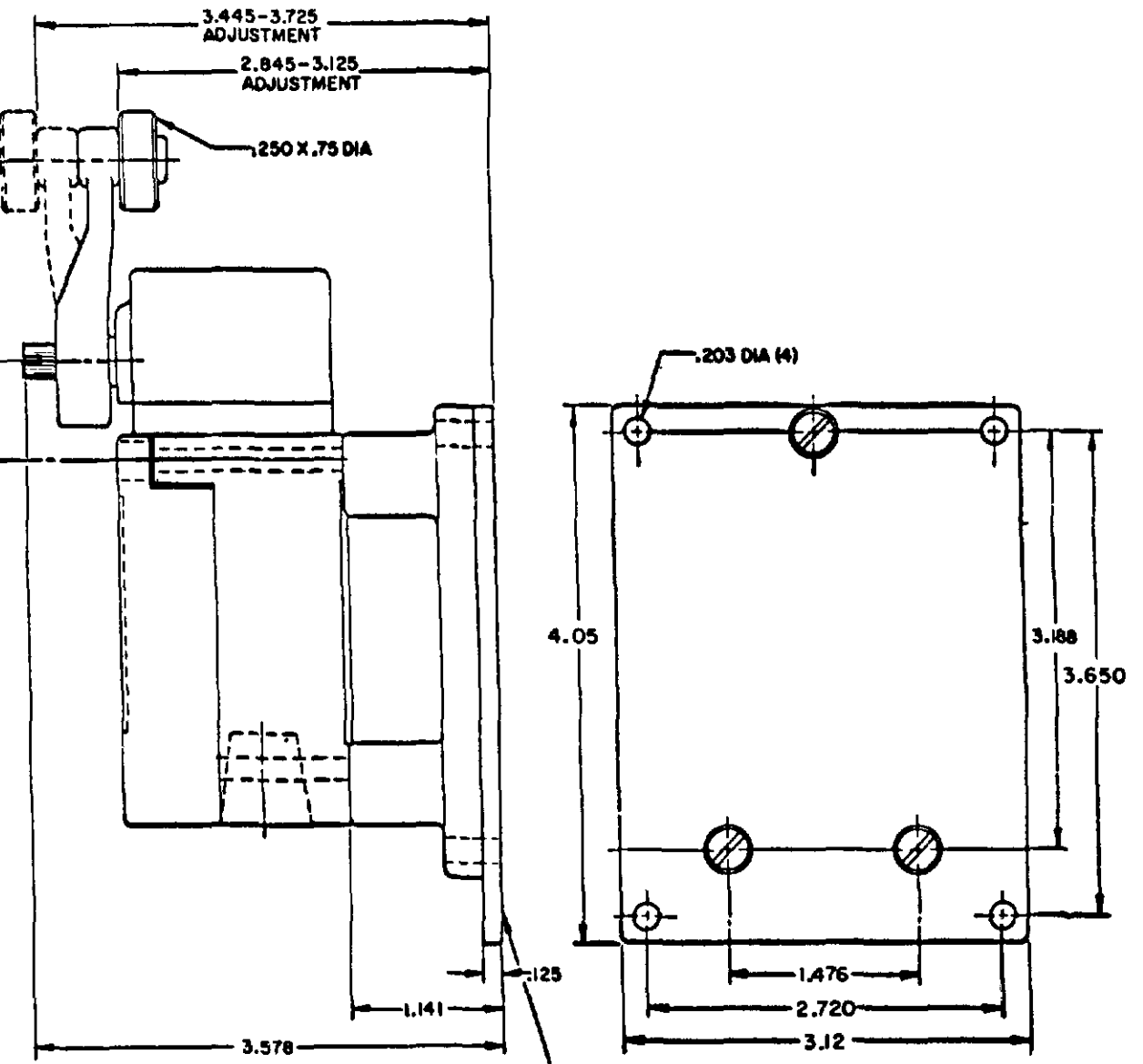
CONVERSION BASES

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



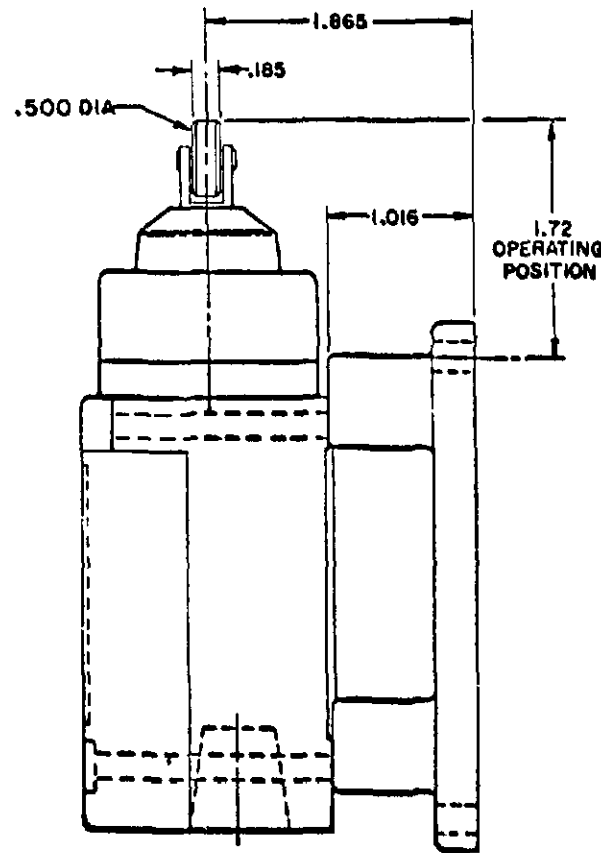
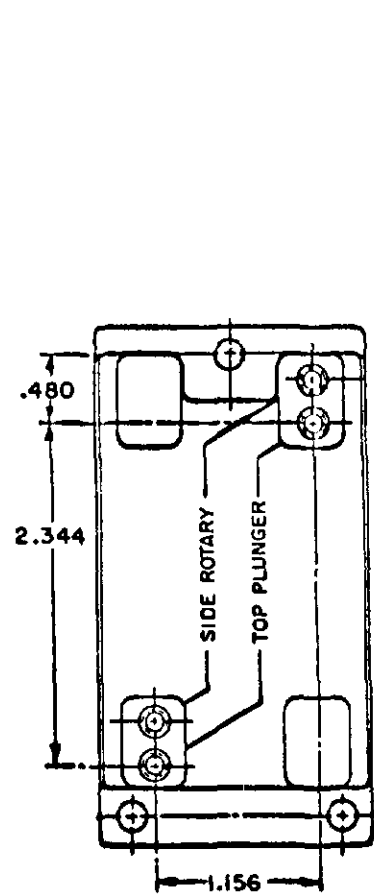
LSZ4003 CONVERSION BASE, WHEN USED WITH HEAVY DUTY LS WILL GIVE SAME TRACKING AS 201LS TYPE (LIMIT SWITCH NOT INCLUDED)

**DOUBLE POLE
(SIDE ROTARY)
LSZ4004**

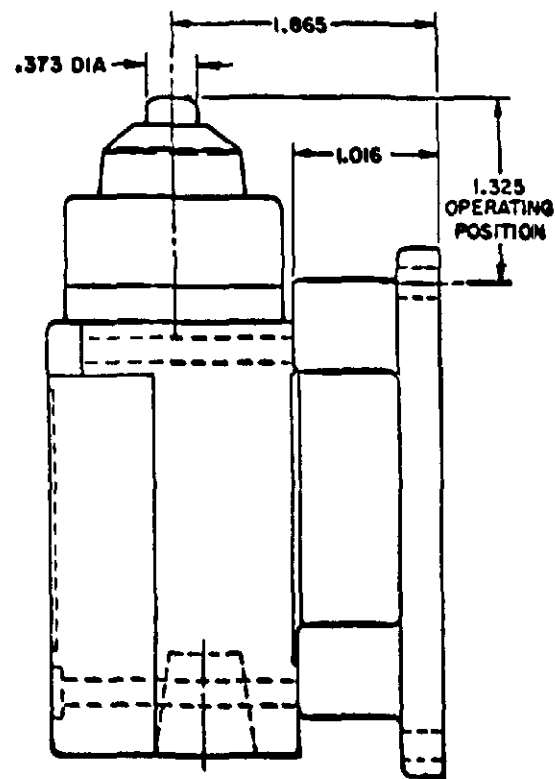


LSZ4004 (FURNISHED ASSEMBLED) CONVERSION BASE, WHEN USED WITH HDLS WILL GIVE SAME TRACKING AS 301LS TYPE (LIMIT SWITCH NOT INCLUDED)

**SINGLE POLE
TOP PLUNGER
LSZ4003**



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



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

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

TIME: 2:00 PM

NOTED

CONFIDENTIAL AND UNCLASSIFIED

DIFFERENCES ARE

DATE	19-04-84	BY	J. J. J.
TIME	19-04-84	DO	19-04-84
NAME	19-04-84		

FORM NO. 10-1 (Rev. 1-1-64) 10-1
 AIRTEL

WILEY

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

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

SWITCH - ENCLOSED

CATALOG LISTING
LSY SERIES
CHART 1

[illegible][illegible]

RASTER
DRAWN