

SIDE ROTARY

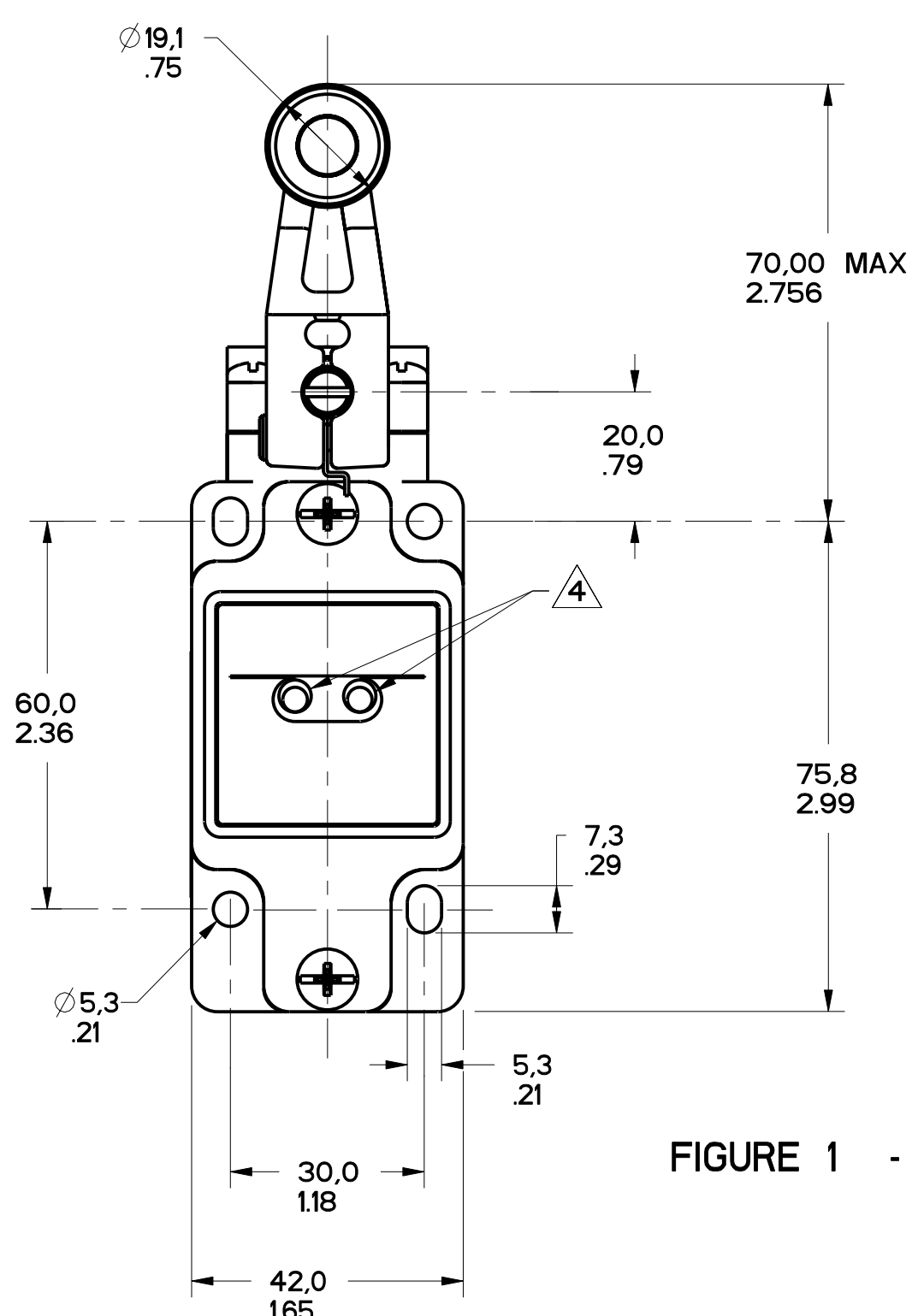


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

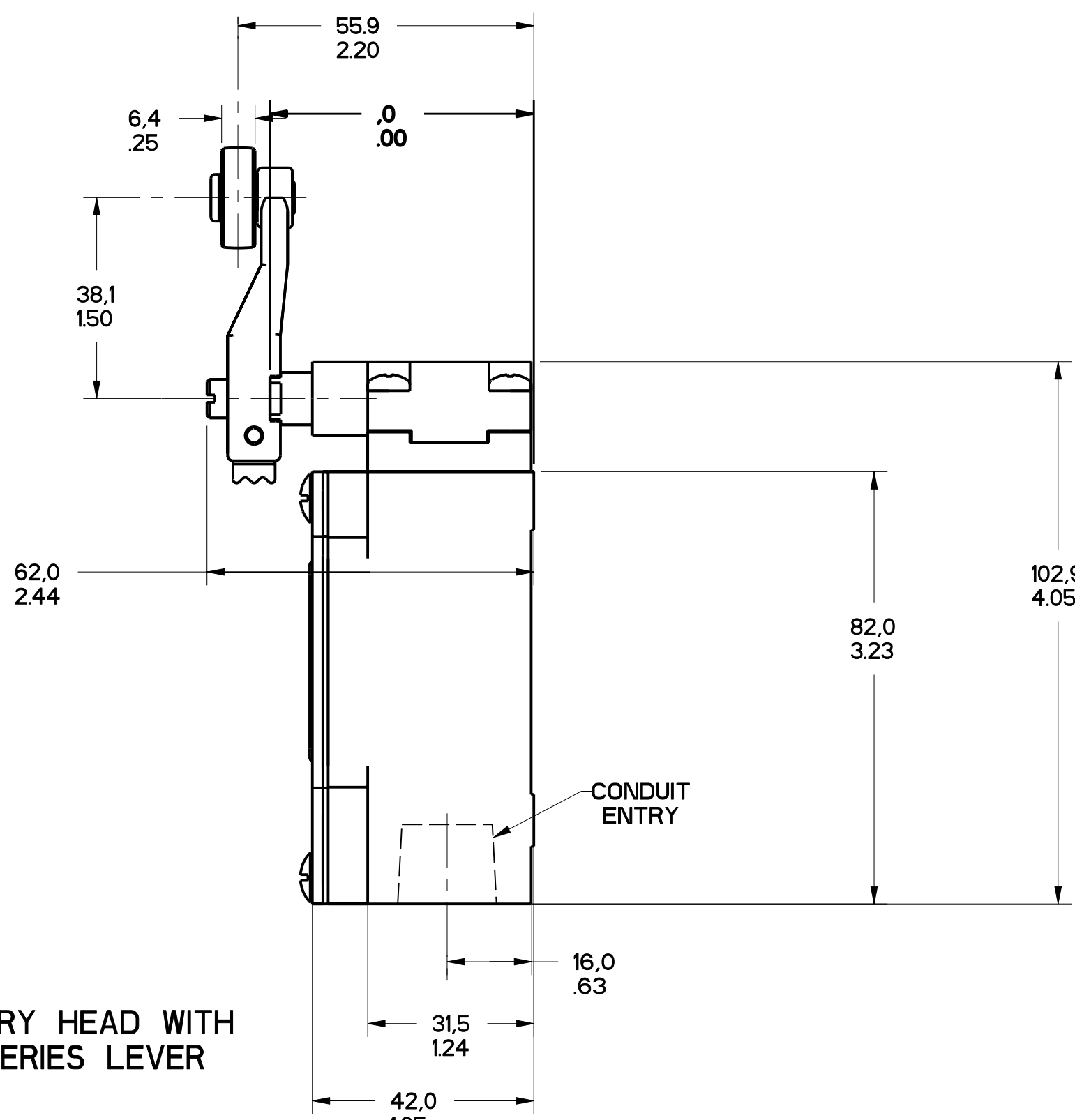
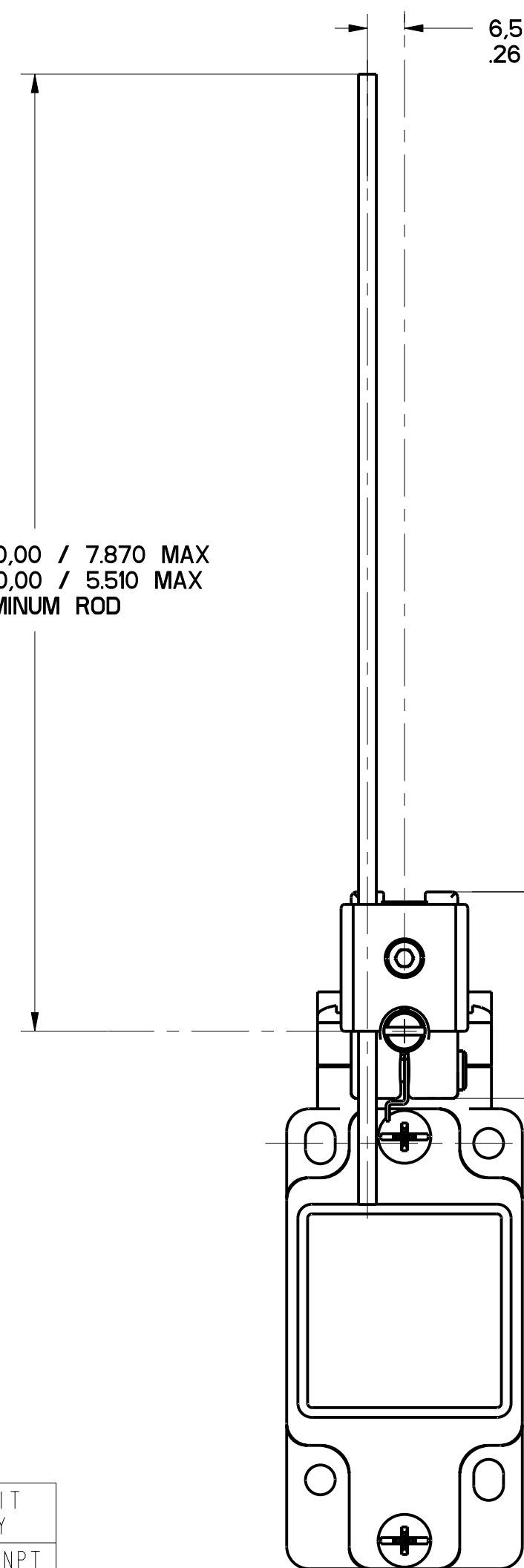
GLZ54J: 200.00 / 7.870 MAX
GLZ54K: 140.00 / 5.510 MAX
ALUMINUM ROD

FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

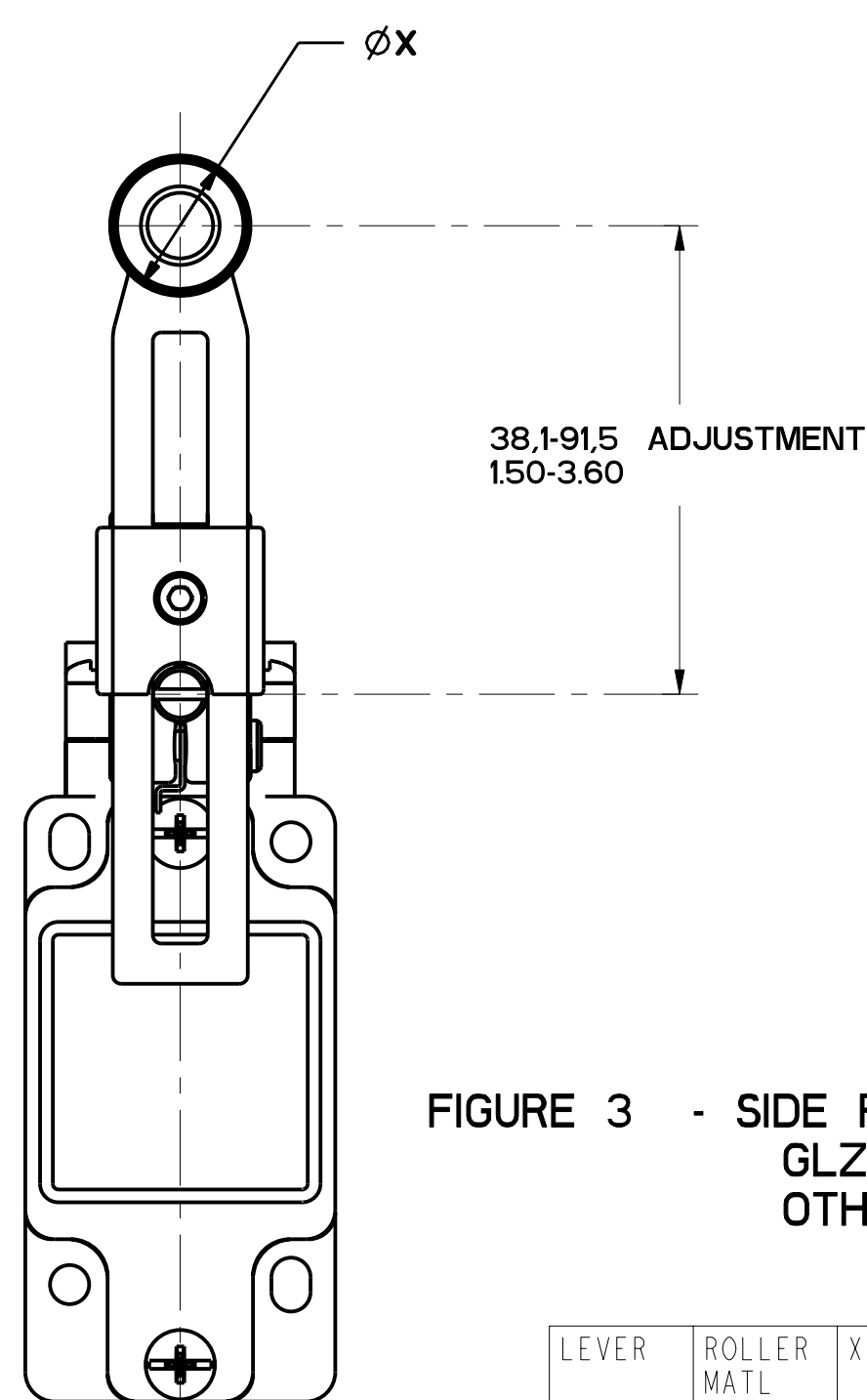
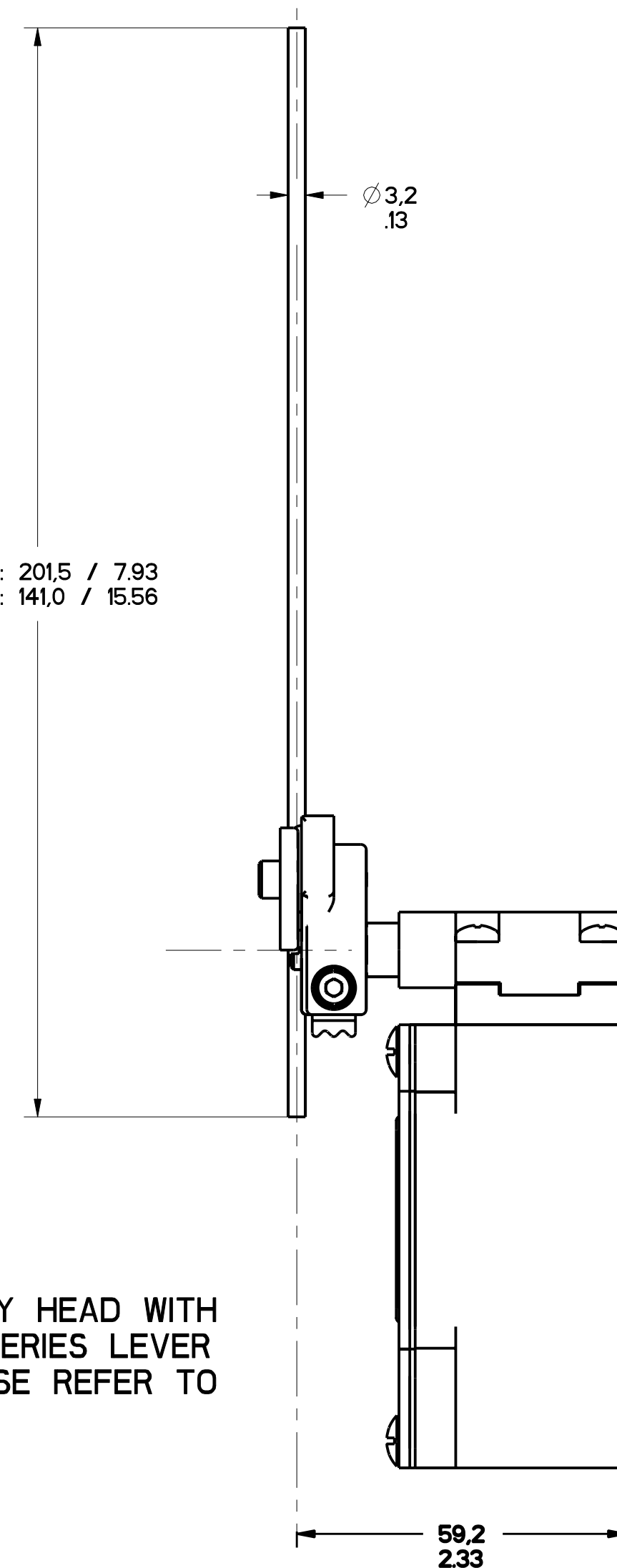


FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

LEVER	ROLLER MATL	X DIM	Y DIM	Z DIM
GLZ52A	NYLON	19.1 .75	65.9 2.59	6.4 .25
GLZ52B	STEEL	19.1 .75	65.9 2.59	6.4 .25
GLZ52D	NYLON	38.1 1.5	65.9 2.59	6.4 .25
GLZ52E	NYLON	19.1 .75	79.37 3.125	33.07 1.300
GLZ52W	RUBBER	40.0 1.6	71.5 2.81	12.7 .5
GLZ52Y	RUBBER	50.9 2.0	71.5 2.81	12.7 .5

FIGURE	CATALOG LISTING	CONDUIT ENTRY
1A	GL*A SERIES	1/2-14 NPT
1B	GL*B SERIES	PG13.5
1C	GL*C SERIES	20mm
1D	GL*D SERIES	PF1/2

ELECTRICAL RATING /5			
AC		DC	
A600 Ue	AC15 Ie	O300 Ue	DC13 Ie
(VOLTS)	(AMPS)	(VOLTS)	(AMPS)
120	6	24	2.8
240	3	125	.55
380	1.9	250	.27
480	1.5		
500	1.4		
600	1.2		

ENVIRONMENTAL RATING
IP67
NEMA/UL TYPES 1, 4, 12, 13

NOTES

- HEADS MAY BE INDEXED IN 90° INCREMENTS
- LEVERS MAY BE KEYED TO THE SHAFT AT 90° INCREMENTS. THEY MAY ALSO BE ATTACHED, BUT NOT KEYED ANYWHERE ON THE SHAFT.
- FOR ADDITIONAL LEVERS SEE "M" DRAWING CHART GLZ5
- THE LEFT INDICATOR IS GREEN AND INDICATES "POWER ON" IT IS ON GLH SERIES PRODUCTS ONLY. THE RIGHT INDICATOR IS YELLOW AND INDICATES "OUTPUT STATUS" IT IS ON GLF AND GLH SERIES PRODUCTS ONLY
- THE MAXIMUM VOLTAGE, V_e OF GLF AND GLH SERIES PRODUCTS IS THE MAXIMUM RATED VOLTAGE OF INDICATION LIGHTS
- FREE POSITION, OPERATE POINT, OVERTRAVEL AND PRETRAVEL ALL TO EN50041
- CAM TRAVEL FOR FIG 9 ONLY APPLIES WHEN LEVER IS ADJUSTED TO 38.1 / 1.50

CATALOG LISTING	BODY DIMENSIONS, FIGURE	HEAD DIMENSIONS, FIGURE	HEAD ACTUATION, FIGURE
GLA***	I	N/A	N/A
GLF***	I	N/A	N/A
GLH***	I	N/A	N/A
GLA***	1A	N/A	N/A
GLB***	1B	N/A	N/A
GLC***	1C	N/A	N/A
GLD***	1D	N/A	N/A
GL***A1*	I	8	
GL***A2*	I	3	9
GL***A4*	I	2	10
GL***A5*	I		8
GL***B	I	4	11
GL***C	I	5	13A, 13B
GL***D	I	6	14A, 14B
GL***E7A	I	7A	12
GL***E7B	I	7	12
GL***E7D	I	7B	12
GL***K8A	I	7C	15
GL***K8B	I	7D	15
GL***K8C	I	7	15

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	
FED. MFG. CODE 91929		GL SERIES CHART 1	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	

THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
NO PLACES	SI METRIC	SI METRIC	US CUSTOMARY
ONE PLACE	X	0.01, 0.04	0.01, 0.05
TWO PLACES	X.X	0.01, 0.06	0.01, 0.05
THREE PLACES	X.XX	0.01, 0.06	0.01, 0.05
ANGLES	±	±	±
DESIGN UNITS	SI METRIC	SI METRIC	US CUSTOMARY
WEIGHT			

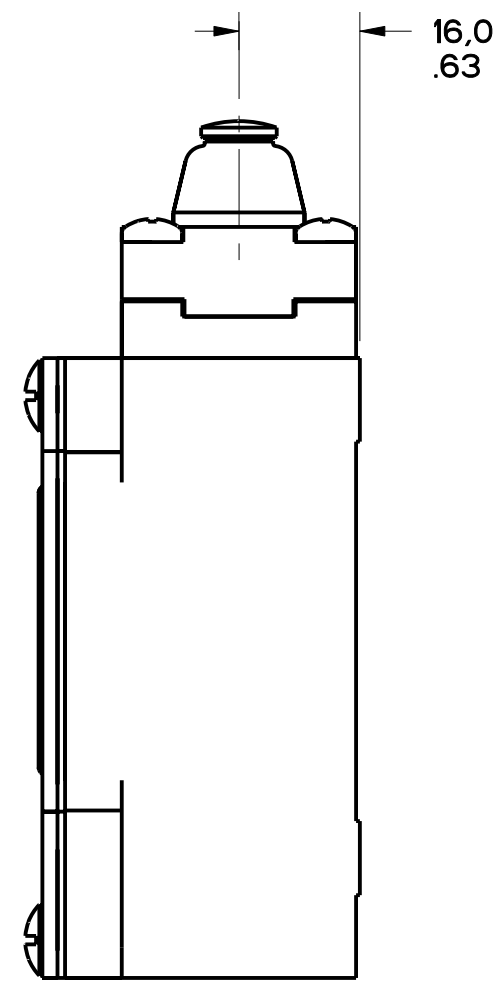


FIGURE 1

Technical drawing of the 1000 Series Handheld Radios, showing front and side views with dimensions.

Front View Dimensions:

- Top width: 13,0 (0.51)
- Top mounting hole diameter: $\varnothing 18,7$ (.74)
- Height from base to top mounting point: 65,4 (2.57)
- Height from base to antenna base: 35,0 (1.38)

Side View Dimensions:

- Antenna diameter: 7,9 (.31)
- Antenna base width: 14,0 (.55)
- Antenna base height: 16,0 (.63)

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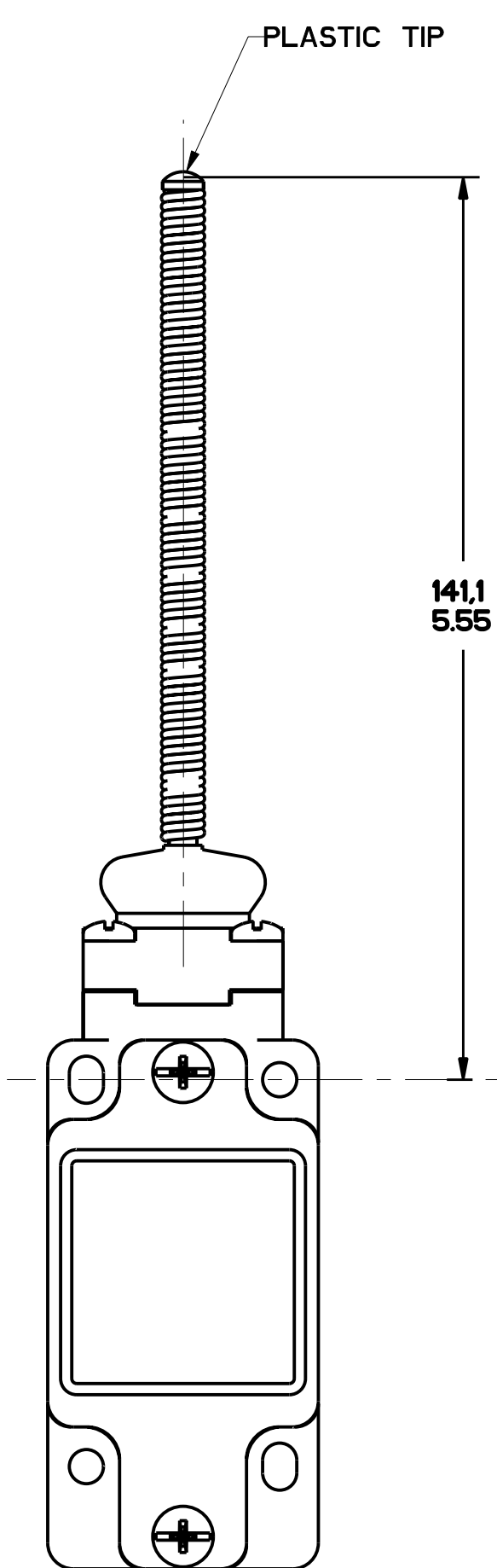


FIGURE 7 - WOBBLE HEAD,
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

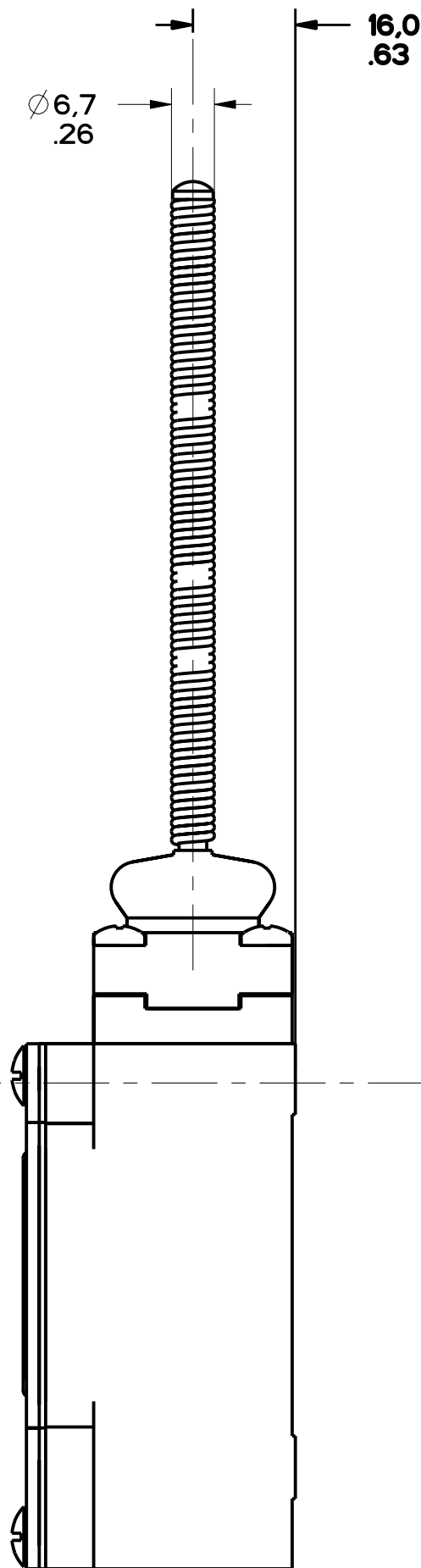


FIGURE 7A -
WOBBLE HEAD,
PLASTIC ACTUATOR,
OTHERWISE SAME AS FIGURE 7

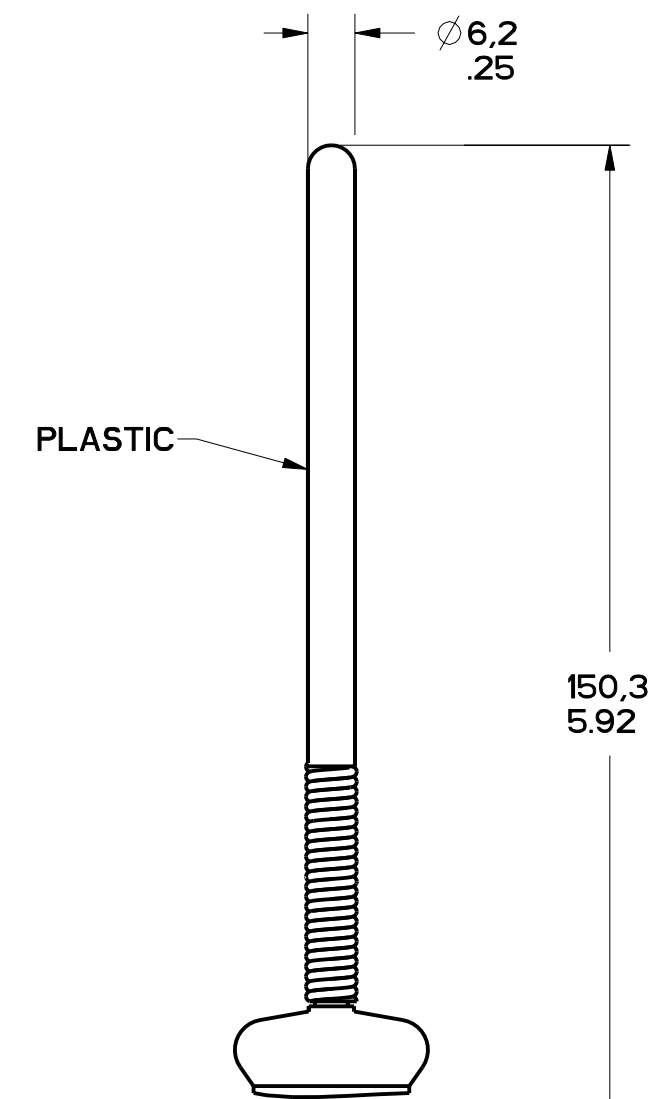


FIGURE 7B -
WOBBLE HEAD
STAINLESS STEEL SPRING
ACTUATOR, OTHERWISE
SAME AS FIGURE 7

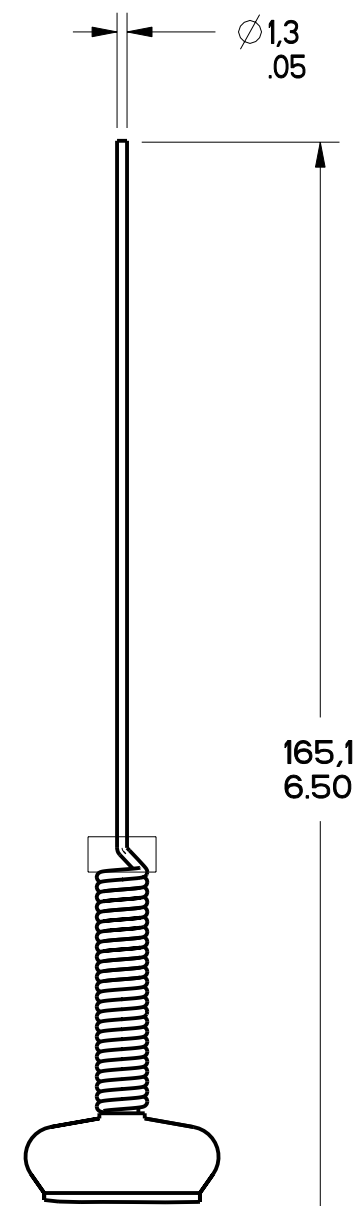


FIGURE 7C -
CAT WHISKER ACTUATOR,
STAINLESS STEEL SPRING,
OTHERWISE SAME AS FIGURE 7

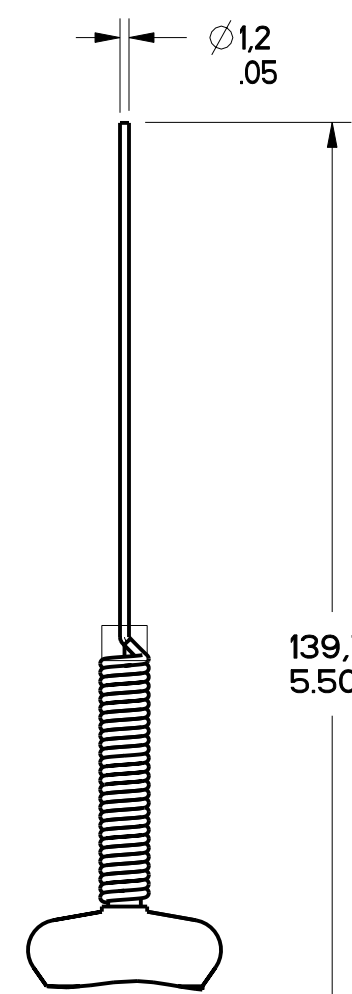


FIGURE 7D -
CAT WHISKER ACTUATOR,
STAINLESS STEEL
SPRING, OTHERWISE
SAME AS FIGURE 7



FIGURE 7E -
CABLE WOBBLE
ACTUATOR, OTHERWISE
SAME AS FIGURE 7

THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
NO PLACES	INCHES	TOL.	MM
ONE PLACE	INCHES	±.04	±.04
TWO PLACES	INCHES	±.01	±.01
THREE PLACES	INCHES	±.005	±.005
ANGLES	DEGREES	±2°	±.13°
DESIGN UNITS		SI METRIC	US CUSTOMARY
		☒	☐
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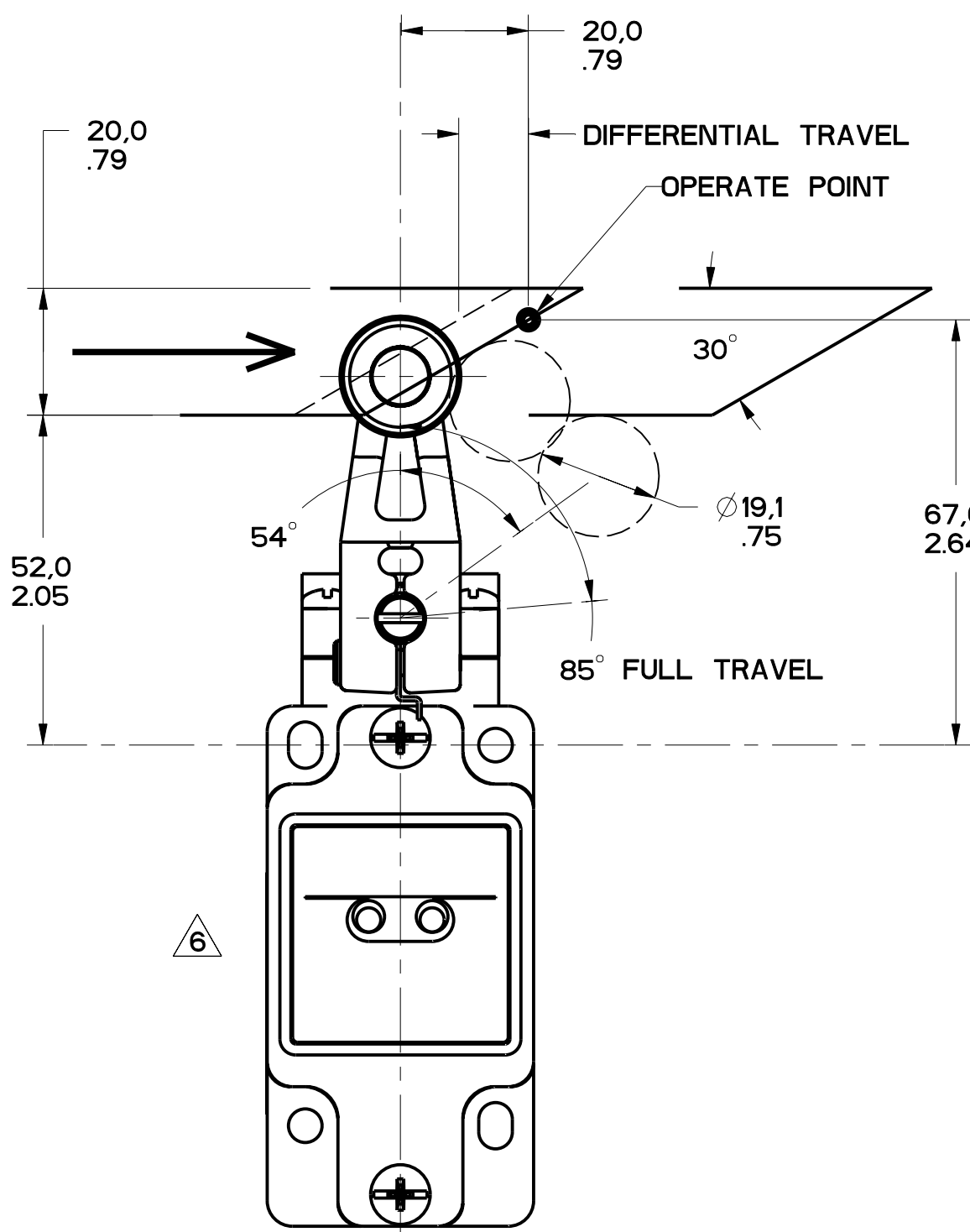


FIGURE 8

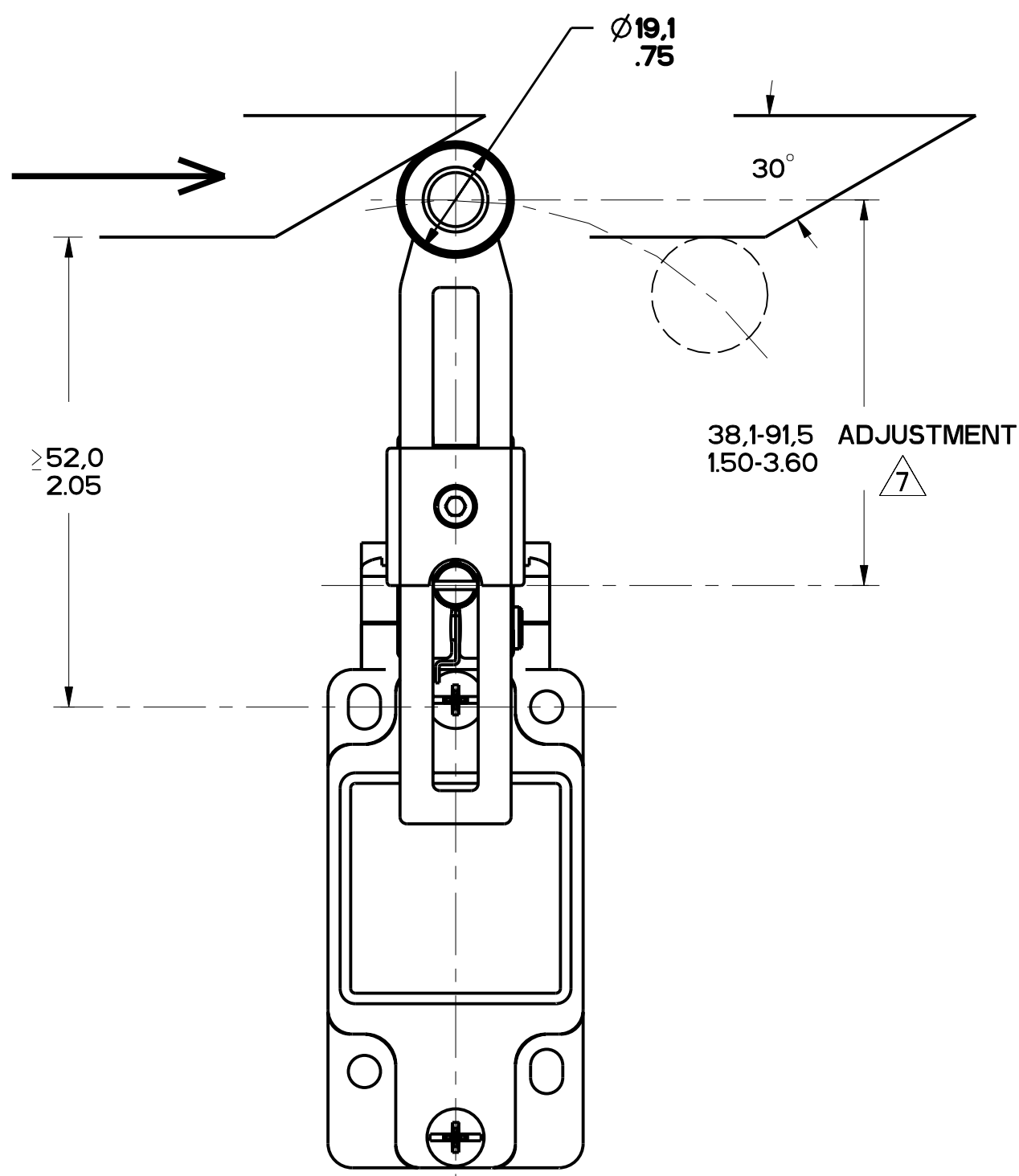


FIGURE 9

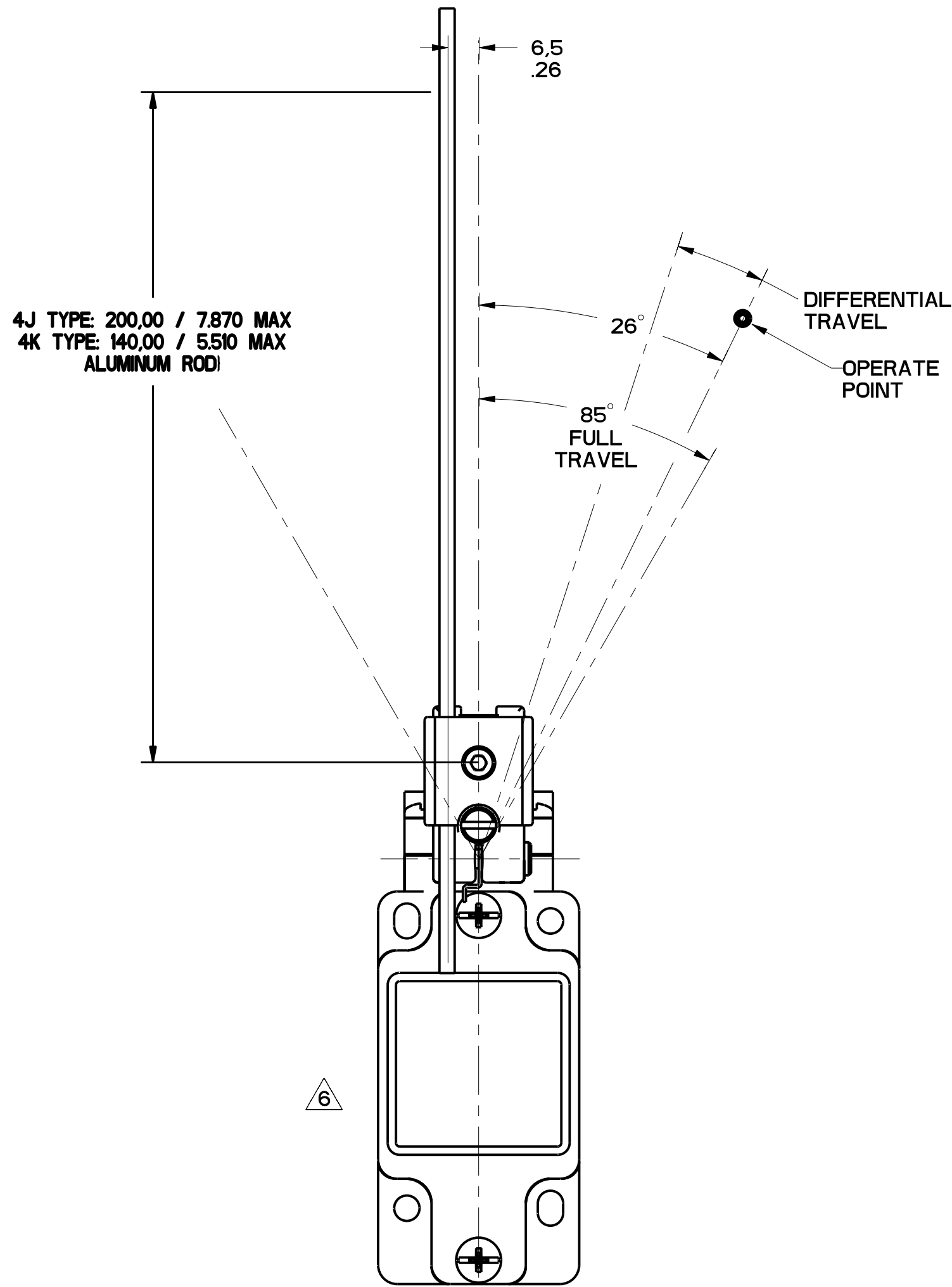


FIGURE 10

CAM ACTUATION PER EN50041, FIGURES 8 AND 9

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED, - CONTACT OPEN, - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 DIMENSIONS IN mm	MAXIMUM OPERATING FORCE N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL m/s in/s	MIN OPERATE VEL mm/s in/s	MAX OPERATE FREQUENCY OPS/MIN
GL**26J*	 SNAP ACTION CONTACTS DOUBLE POLE CENTER NEUTRAL	 8 DIFFERENTIAL TRAVEL 8 DIFFERENTIAL TRAVEL	9.7 2.2	N/A	.85 33.5	8.5 .33	250

FIGURES 8, 9, 10 ANGULAR ACTUATION

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED, - CONTACT OPEN, - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 DIMENSIONS IN mm	MAXIMUM OPERATING TORQUE N-m LB-IN	MAXIMUM DISCONNECT TORQUE N-m LB-IN	MAX OPERATE DEGREE/S	MIN OPERATE DEGREE/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01A*	 SNAP - ACTION CONTACTS SINGLE POLE	 12° DIFFERENTIAL TRAVEL	.330 2.9	.385 3.4	1290	13	250
GL**03A*	 SLOW ACTING BREAK BEFORE MAKE	 38°	.330 2.9	.385 3.4	1290	13	250
GL**04A*	 SLOW ACTING MAKE BEFORE BREAK	 26°	.330 2.9	.400 3.5	1290	13	250
GL**20A* GL**24A*	 SNAP ACTION CONTACTS DOUBLE POLE	 12° DIFFERENTIAL TRAVEL	.330 2.9	.385 3.4	1290	13	250
GL**21A* GL**25A*	 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL	 8 DIFFERENTIAL TRAVEL 8 DIFFERENTIAL TRAVEL	.330 2.9	N/A	1290	13	250

CAM ACTUATION PER EN50041, FIGURES 8 AND 9

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED, - CONTACT OPEN, - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 DIMENSIONS IN mm	MAXIMUM OPERATING FORCE N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL m/s in/s	MIN OPERATE VEL mm/s in/s	MAX OPERATE FREQUENCY OPS/MIN
GL**01A*	 SNAP - ACTION CONTACTS SINGLE POLE	 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**03A*	 SLOW ACTING BREAK BEFORE MAKE	 32	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**04A*	 SLOW ACTING MAKE BEFORE BREAK	 8	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**20A* GL**24A*	 SNAP ACTION CONTACTS DOUBLE POLE	 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.8 2.7	.85 33.5	8.5 .33	250
GL**21A* GL**25A*	 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL	 8.5 DIFFERENTIAL TRAVEL 7 DIFFERENTIAL TRAVEL	9.7 2.2	N/A	.85 33.5	8.5 .33	250

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SWITCH, ENCLOSED

CATALOG LISTING
GL SERIES CHART 1

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NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES DESIGN UNITS	SI METRIC X.XX X.XXX X.XXX ±.2°	TOL mm 0.1/.04 0.01/.016 0.15/.006 ±.2°	US CUSTOMARY X.X X.XX X.XXX ±.001 ±.001 ±.001 ±.2°

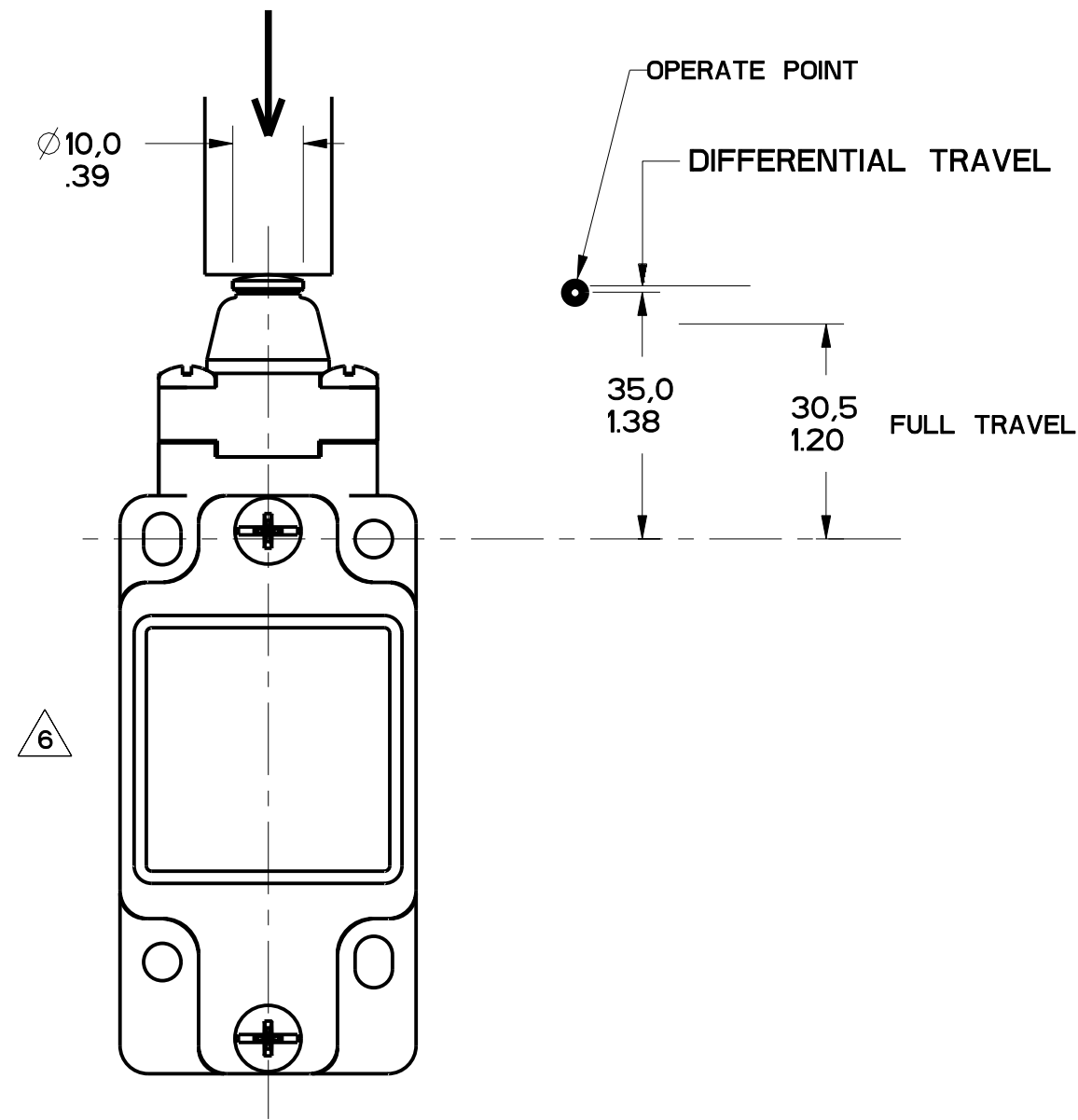


FIGURE 11

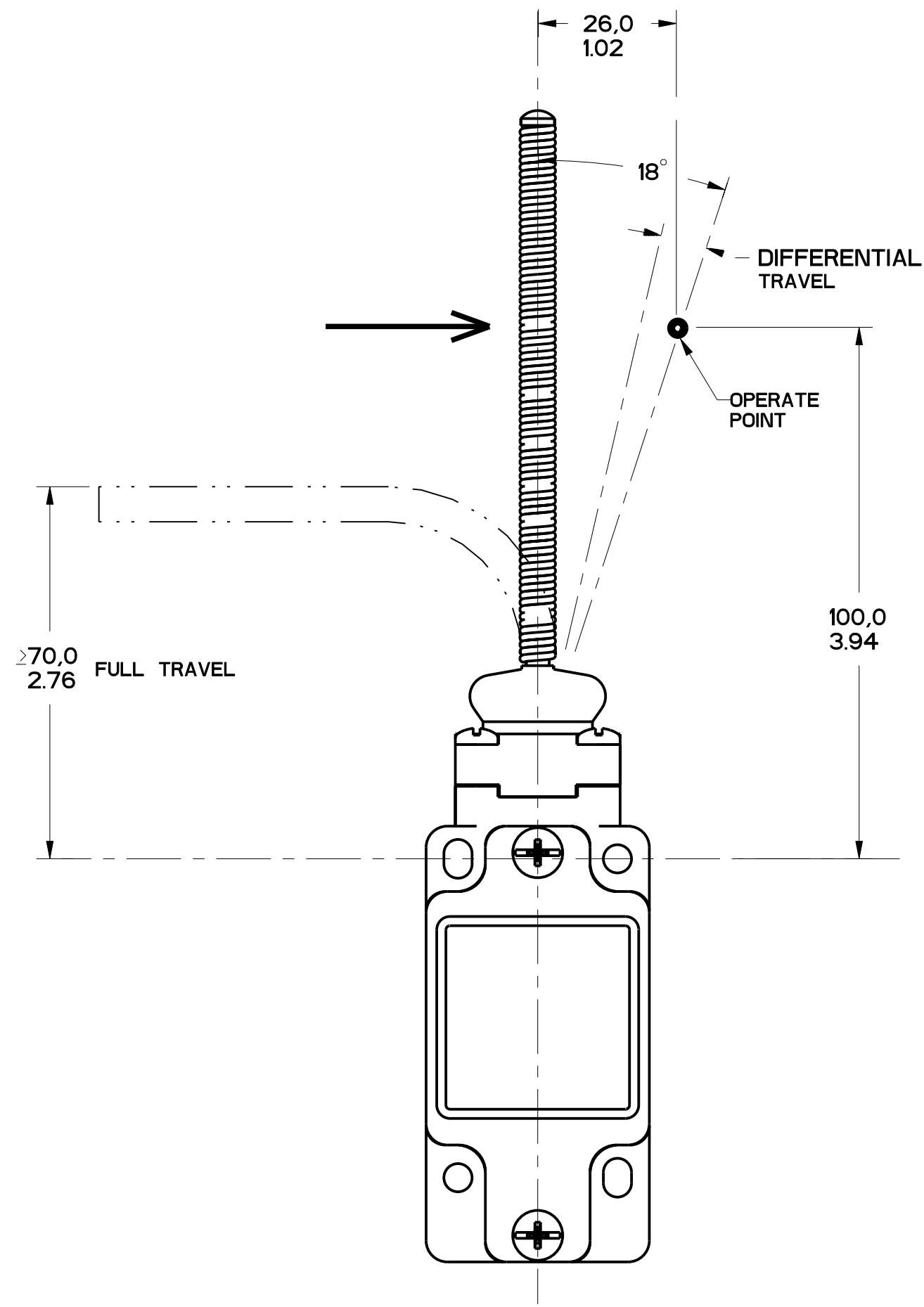


FIGURE 12

FIGURES 11, PIN PLUNGER HEAD, LINEAR ACTUATION

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED - CONTACT OPEN, - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE N	MAXIMUM DISCONNECT FORCE N	MAX OPERATE VEL M/S	MIN OPERATE VEL mm/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01B	SNAP - ACTION CONTACTS SINGLE POLE 	 0.9 DIFFERENTIAL TRAVEL	16 3.6	27 6.0	0.1 3.9	1.0 0.4	250
GL**03B	SLOW ACTING BREAK BEFORE MAKE 	 34	16 3.6	27 6.0	0.1 3.9	1.0 0.4	250
GL**04B	SLOW ACTING MAKE BEFORE BREAK 	 35	16 3.6	27 6.0	0.1 3.9	1.0 0.4	250
GL**20B GL**24B	SNAP ACTION CONTACTS DOUBLE POLE 	 0.9 DIFFERENTIAL TRAVEL	16 3.6	37 8.2	0.1 3.9	1.0 0.4	250
GL**21B GL**25B	SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 8 DIFFERENTIAL TRAVEL .8 DIFFERENTIAL TRAVEL	16 3.6	N/A	0.1 3.9	1.0 0.4	250

FIGURE 12, WOBBLE HEAD, ANGULAR ACTUATION

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED - CONTACT OPEN, - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING TORQUE N-m	MAXIMUM DISCONNECT TORQUE N-m	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**01E	SNAP - ACTION CONTACTS SINGLE POLE 	 8° DIFFERENTIAL TRAVEL	0.2 1.8	N/A	360	8	100
GL**20E GL**24E	SNAP ACTION CONTACTS DOUBLE POLE 	 8° DIFFERENTIAL TRAVEL	0.2 1.8	N/A	360	8	100

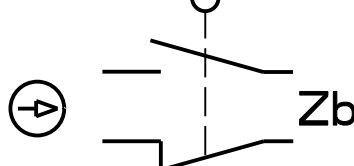
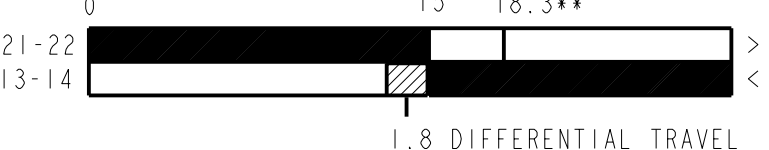
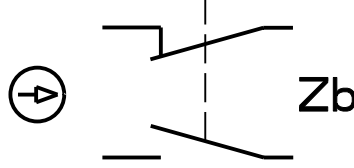
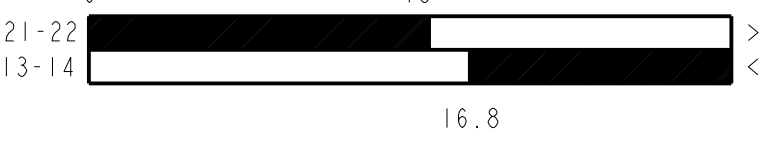
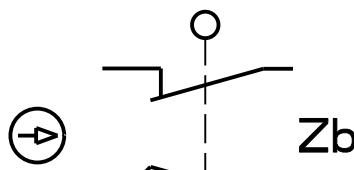
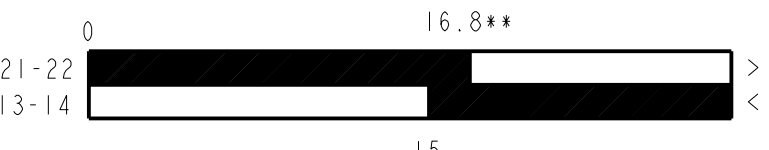
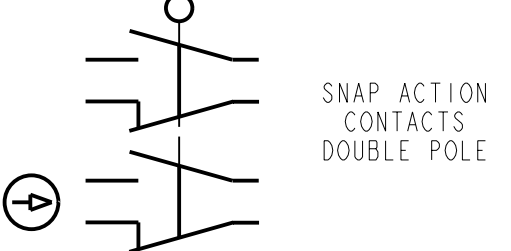
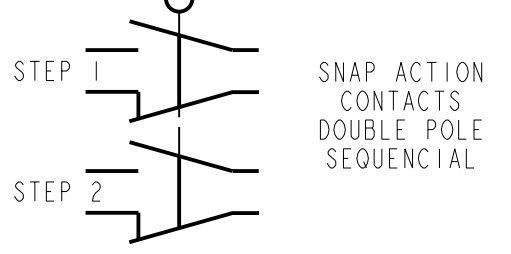
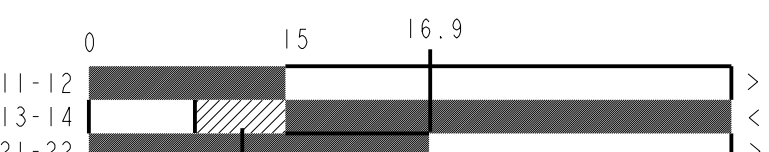
FIGURE 12, WOBBLE HEAD, SIDE ACTUATION AT 100mm

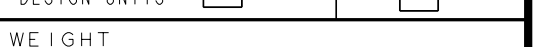
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED - CONTACT OPEN, - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE N	MAXIMUM DISCONNECT FORCE N	MAX OPERATE VEL M/S	MIN OPERATE VEL mm/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01E	SNAP - ACTION CONTACTS SINGLE POLE 	 12 DIFFERENTIAL TRAVEL	2.5 0.6	N/A	.5 19.7	11 0.43	100
GL**20E GL**24E	SNAP ACTION CONTACTS DOUBLE POLE 	 12 DIFFERENTIAL TRAVEL	2.5 0.6	N/A	.5 19.7	11 0.43	100



FIGURE 13B

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVEL AND RELATED TERMINALS — : CONTACT CLOSED □ : CONTACT OPEN ▨ : CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE N $\frac{16}{3.6}$	MAXIMUM DISCONNECT FORCE N $\frac{27}{6.0}$	MAX OPERATE VEL M/S $\frac{0.1}{3.9}$	MIN OPERATE VEL mm/S $\frac{1.0}{.04}$	MAX OPERATE FREQUENCY OPS/MIN 250
GL**01C	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**03C	SLOW ACTING BREAK BEFORE MAKE 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**04C	SLOW ACTING MAKE BEFORE BREAK 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**20C GL**24C			$\frac{16}{3.6}$	$\frac{37}{8.2}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**21C GL**25C	STEP 1 STEP 2 		$\frac{16}{3.6}$	N/A	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED  - CONTACT OPEN,  CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M/S}{IN/MS}$	MIN OPERATE VEL $\frac{mm/S}{IN/MS}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01C	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**03C	SLOW ACTING BREAK BEFORE MAKE 		$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**04C	SLOW ACTING MAKE BEFORE BREAK 		$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**20C GL**24C	SNAP ACTION CONTACTS DOUBLE POLE 		$\frac{9.3}{2.1}$	$\frac{21.4}{4.8}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**21C GL**25C	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 		$\frac{9.3}{2.1}$	N/A	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250



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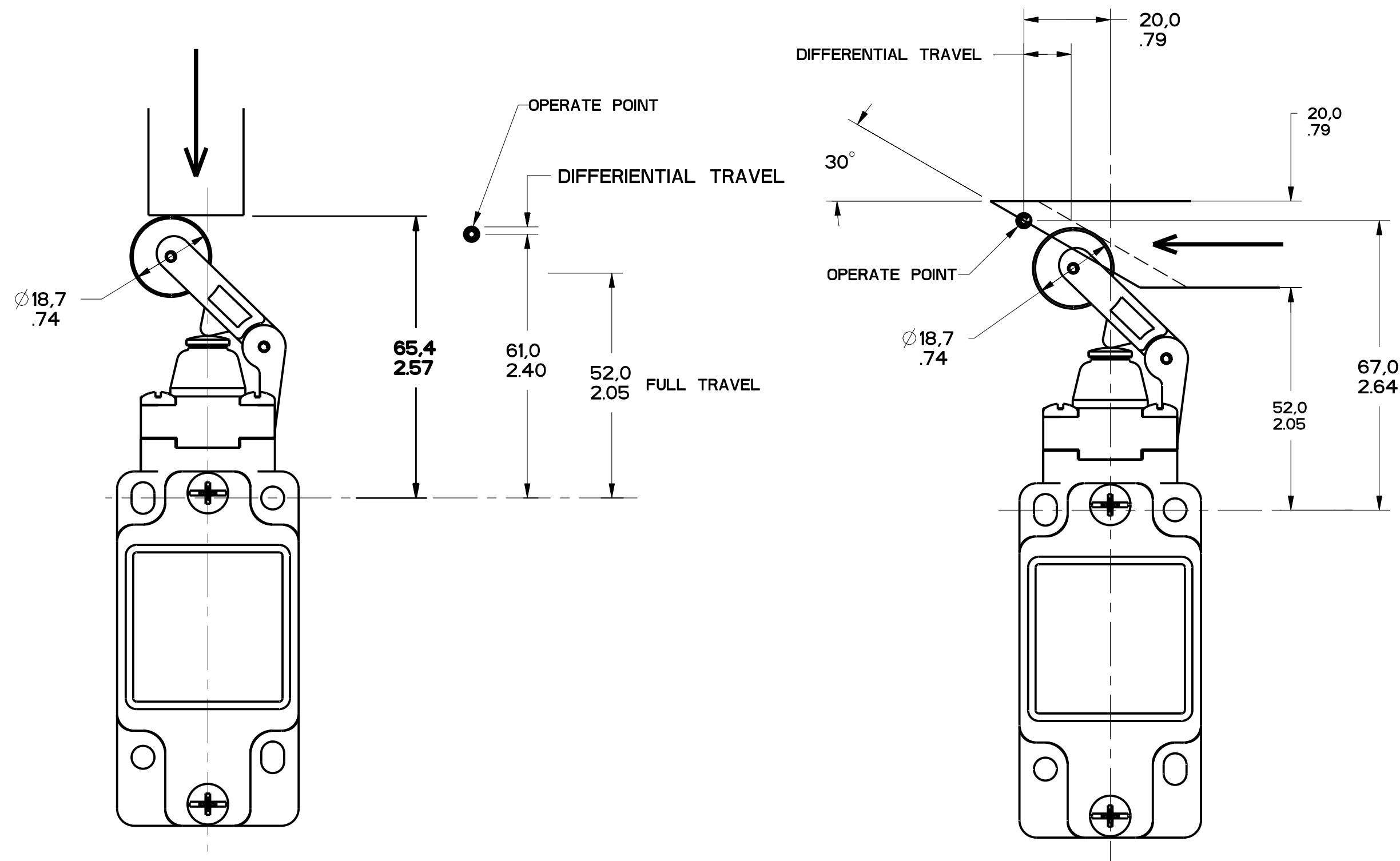


FIGURE 14A

FIGURE 14B

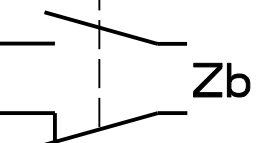
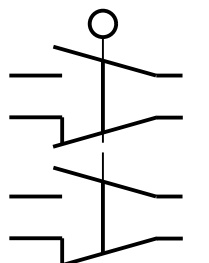
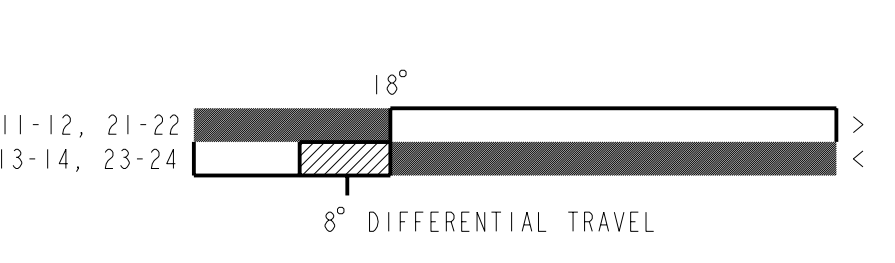
FIGURE 14A, TOP ROLLER LEVER HEAD WITH PIN ACTUATION

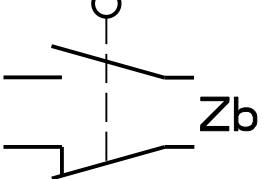
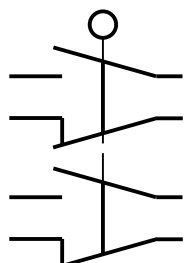
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED - CONTACT OPEN - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE N	MAXIMUM DISCONNECT FORCE N	MAX OPERATE VEL. M/S	MIN OPERATE VEL. M/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01D	SNAP - ACTION CONTACTS SINGLE POLE	65.2 61 56.9** 52 21-22 13-14 1.7 DIFFERENTIAL TRAVEL	9.5 2.1	12 2.7	0.17 6.7	1.7 .067	250
GL**03D	SLOW ACTING BREAK BEFORE MAKE	65.2 61** 52 21-22 13-14 59.1	9.5 2.1	12 2.7	0.17 6.7	1.7 .067	250
GL**04D	SLOW ACTING MAKE BEFORE BREAK	65.2 59.1** 52 21-22 13-14 61	9.5 2.1	12 2.7	0.17 6.7	1.7 .067	250
GL**20D GL**24D	SNAP ACTION CONTACTS DOUBLE POLE	65.2 61 56.9** 52 11-12, 21-22 13-14, 23-24 1.7 DIFFERENTIAL TRAVEL	9.5 2.1	16.4 3.7	0.17 6.7	1.7 .067	250
GL**21D GL**25D	SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL	65.2 61 58.6 11-12 13-14 21-22 23-24 1.6 DIFFERENTIAL TRAVEL 1.6 DIFFERENTIAL TRAVEL	9.5 2.1	N/A	0.17 6.7	1.7 .067	250

FIGURE 14B, TOP ROLLER LEVER HEAD WITH CAM ACTUATION

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED - CONTACT OPEN - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE N	MAXIMUM DISCONNECT FORCE N	MAX OPERATE VEL. M/S	MIN OPERATE VEL. mm/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01D	SNAP - ACTION CONTACTS SINGLE POLE	0 20 29.1** 21-22 13-14 4.1 DIFFERENTIAL TRAVEL	5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**03D	SLOW ACTING BREAK BEFORE MAKE	0 20** 21-22 13-14 24.1	5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**04D	SLOW ACTING MAKE BEFORE BREAK	0 24.1** 21-22 13-14 20	5.5 1.2	9.6 2.2	0.29 11.4	2.9 .11	250
GL**20D GL**24D	SNAP ACTION CONTACTS DOUBLE POLE	0 20 29.1** 11-12, 21-22 13-14, 23-24 4.1 DIFFERENTIAL TRAVEL	5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**21D GL**25D	SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL	0 20 25.5 11-12 13-14 21-22 23-24 3.7 DIFFERENTIAL TRAVEL 3.7 DIFFERENTIAL TRAVEL	5.5 1.2	N/A	0.29 11.4	2.9 .11	250



CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED - CONTACT OPEN, //CONTACT CLOSED DIFFERENTIAL TRAVEL	MAXIMUM OPERATING TORQUE N-m $\frac{0}{.9}$ LB- $\frac{1}{16}$	MAXIMUM DISCONNECT TORQUE N-m $\frac{0}{.9}$ LB- $\frac{1}{16}$	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**0IK	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 18° > 13-14 < 8° DIFFERENTIAL TRAVEL	$\frac{0}{.9}$	N/A	360	8	100
GL**20K GL**24K	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 18° > 13-14, 23-24 < 8° DIFFERENTIAL TRAVEL	$\frac{0}{.9}$	N/A	360	8	100

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS - CONTACT CLOSED - CONTACT OPEN, CONTACT CLOSED DIFFERENTIAL TRAVEL	MAXIMUM OPERATING FORCE N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S 1.75	MIN OPERATE VEL mm/S 1.15	MAX OPERATE FREQUENCY OPS/MIN
GL**01K	SNAP - ACTION CONTACTS SINGLE POLE 	21-22 13-14 26 12 DIFFERENTIAL TRAVEL	1.3 .3	N/A	.5 19.7	1.1 .43	100
GL**20K GL**24K	SNAP ACTION CONTACTS DOUBLE POLE 	11-12, 21-22 13-14, 23-24 2 12 DIFFERENTIAL TRAVEL	1.3 .3	N/A	.5 19.7	1.1 .43	100

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CATALOG LISTING

GL SERIES CHART 1

SWITCH, ENCLOSED

MASTER REDUCED
ANSI Y14.5M-1982 APPLIES

THIRD ANGLE PROJECTION																													
																													
SCALE		FULL																											
DO NOT SCALE PRINT																													
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APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 1																													
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