

SIDE ROTARY

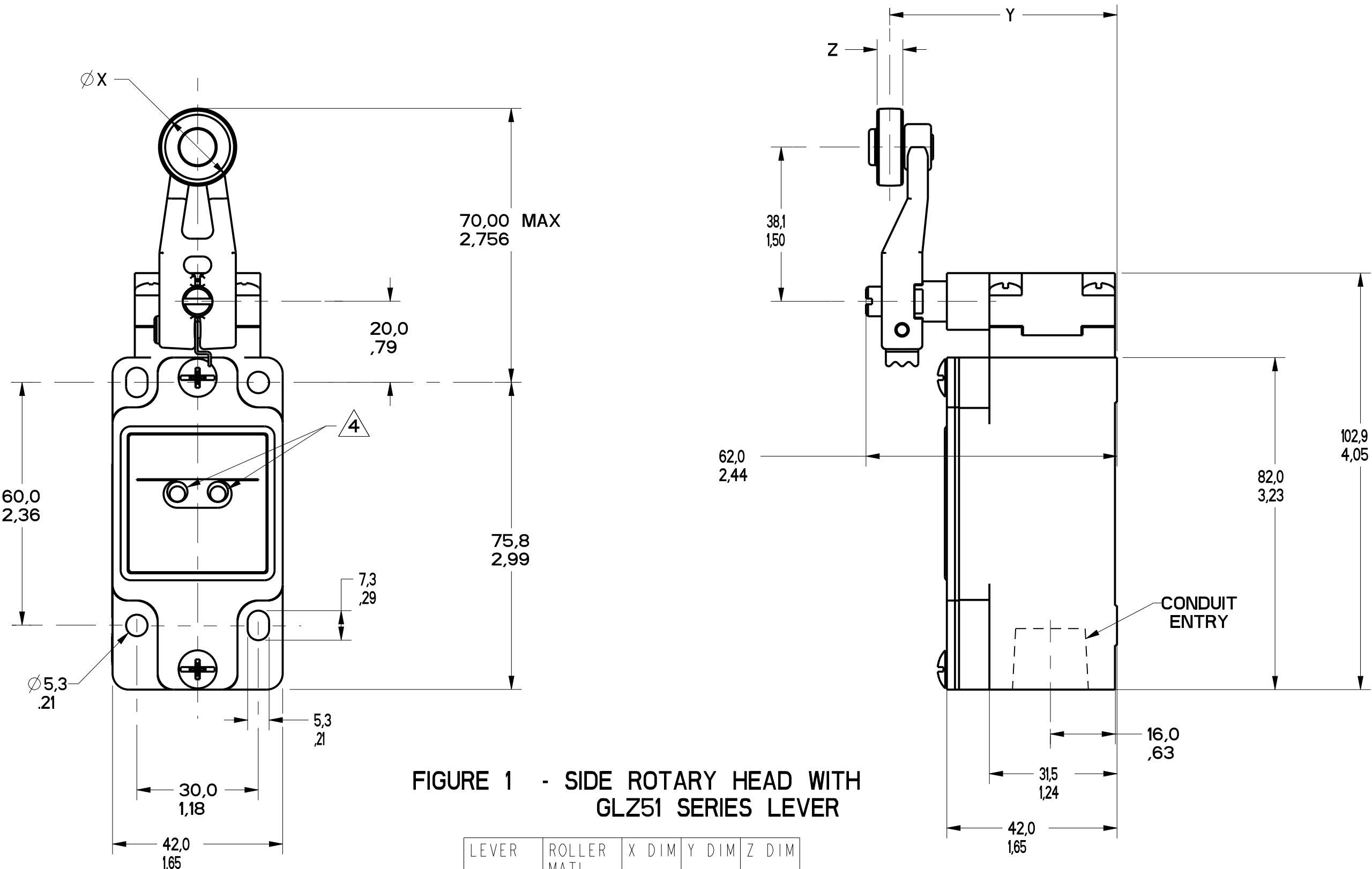


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

LEVER	ROLLER MATL	X DIM	Y DIM	Z DIM
GLZ51A	NYLON	19.1 .75	55.9 2.20	6.4 .25
GLZ51B	STEEL	19.1 .75	55.9 2.20	6.4 .25
GLZ51C	NYLON	24.5 1.00	59.1 2.33	12.7 .50
GLZ51Y	RUBBER	50.0 1.97	66.1 2.60	10.0 .39
GLZ51T	STAINLESS STEEL	19.1 .75	56.8 2.24	8.8 .345

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

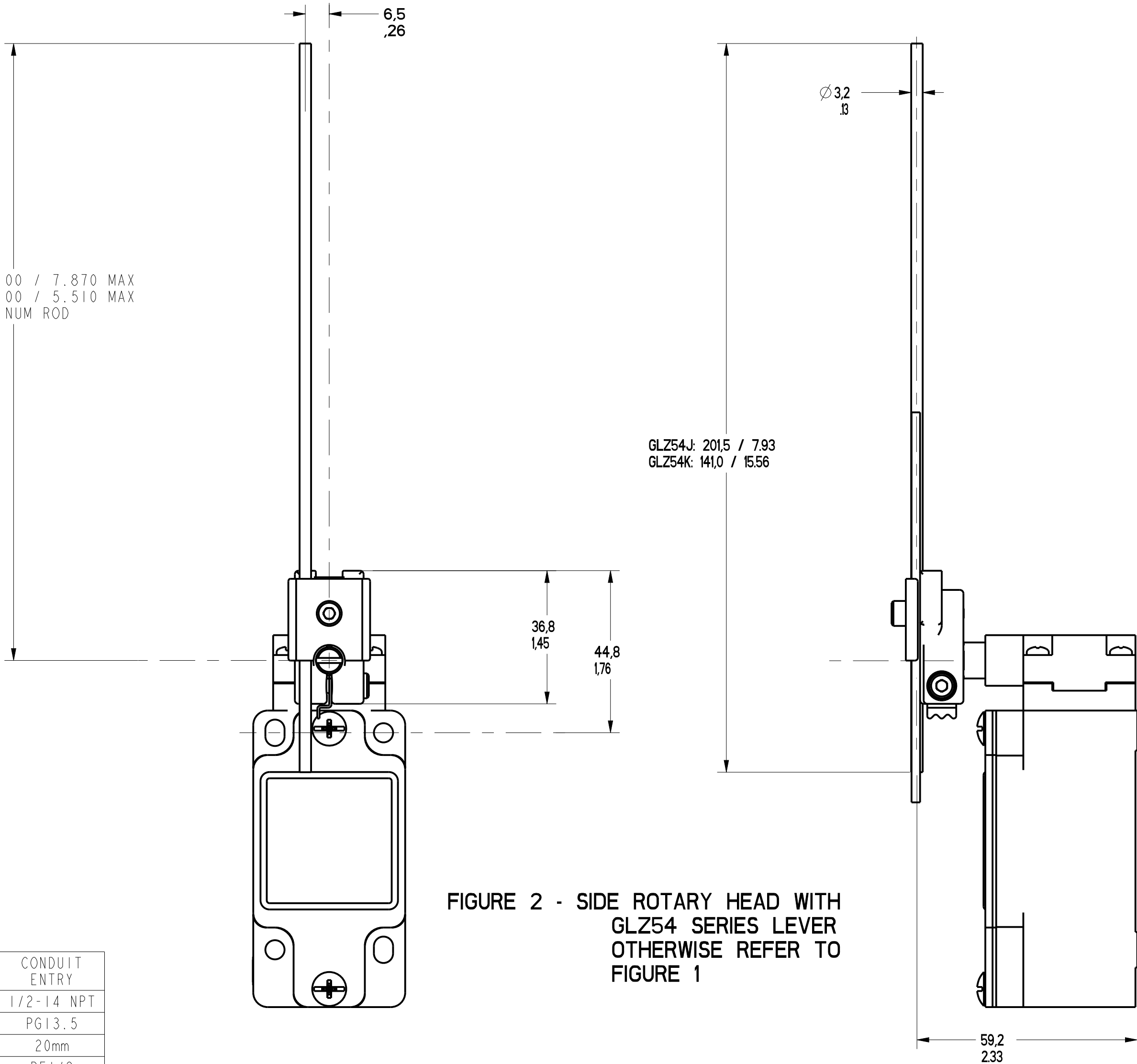


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

FIGURE	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 8		GOLD PLATED CONTACTS
AC		DC		
A600 Ue	AC15 Ie	Q300 Ue	DC13 Ie	
(VOLTS)	(AMPS)	(VOLTS)	(AMPS)	
120	6	24	2.8	1V 10µA MIN 50V 100mA MAX
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

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	1	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***E7C	I	7E	15
GL***E7D	I	7B	12
GL***K8A	I	7C	15
GL***K8B	I	7D	15
GL***K8C	I	7	15

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	50.0 1.97	68.8 2.71	10.0 .39

- 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.
- $\Delta 4$ 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.
- $\Delta 5$ THE MAXIMUM VOLTAGE, V_e OF GLF AND GLH SERIES PRODUCTS IS THE MAXIMUM RATED VOLTAGE OF INDICATION LIGHTS
- $\Delta 6$ FREE POSITION, OPERATE POINT, OVERTRAVEL AND PRETRAVEL ALL TO EN50041
- $\Delta 7$ CAM TRAVEL FOR FIG 9 ONLY APPLIES WHEN LEVER IS ADJUSTED TO 38.1 / 1.50
- $\Delta 8$ THE MAXIMUM VOLTAGE, V_e OF "06" AND "36" BASIC SWITCH CODE IS 300V (A300)
- $\Delta 9$ TEMPERATURE RANGE
- (ALL PRODUCTS EXCEPT w/SIDE ROTARY OPERATING HEAD)
- OPERATING: -25°C TO +85°C / -13°F TO +185°F
- STORAGE: -40°C TO +85°C / -40°F TO +185°F
- (PRODUCTS w/SIDE ROTARY OPERATING HEAD)
- OPERATING: -40°C TO +85°C / -40°F TO +185°F
- STORAGE: -40°C TO +85°C / -40°F TO +185°F

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 1:1			
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 .XX	1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1	1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1
TWO PLACES	X .XX	0.015, 0.03, 0.06, 0.125, 0.25, 0.5, 1, 2, 5, 10, 20, 50, 100	0.015, 0.03, 0.06, 0.125, 0.25, 0.5, 1, 2, 5, 10, 20, 50, 100
THREE PLACES	X .XX	0.001, 0.002, 0.005, 0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100	0.001, 0.002, 0.005, 0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100
ANGLES	±.2°	±.2°	±.2°
DESIGN UNITS	SI METRIC	SI METRIC	US CUSTOMARY
WEIGHT	±.2°	±.2°	±.2°

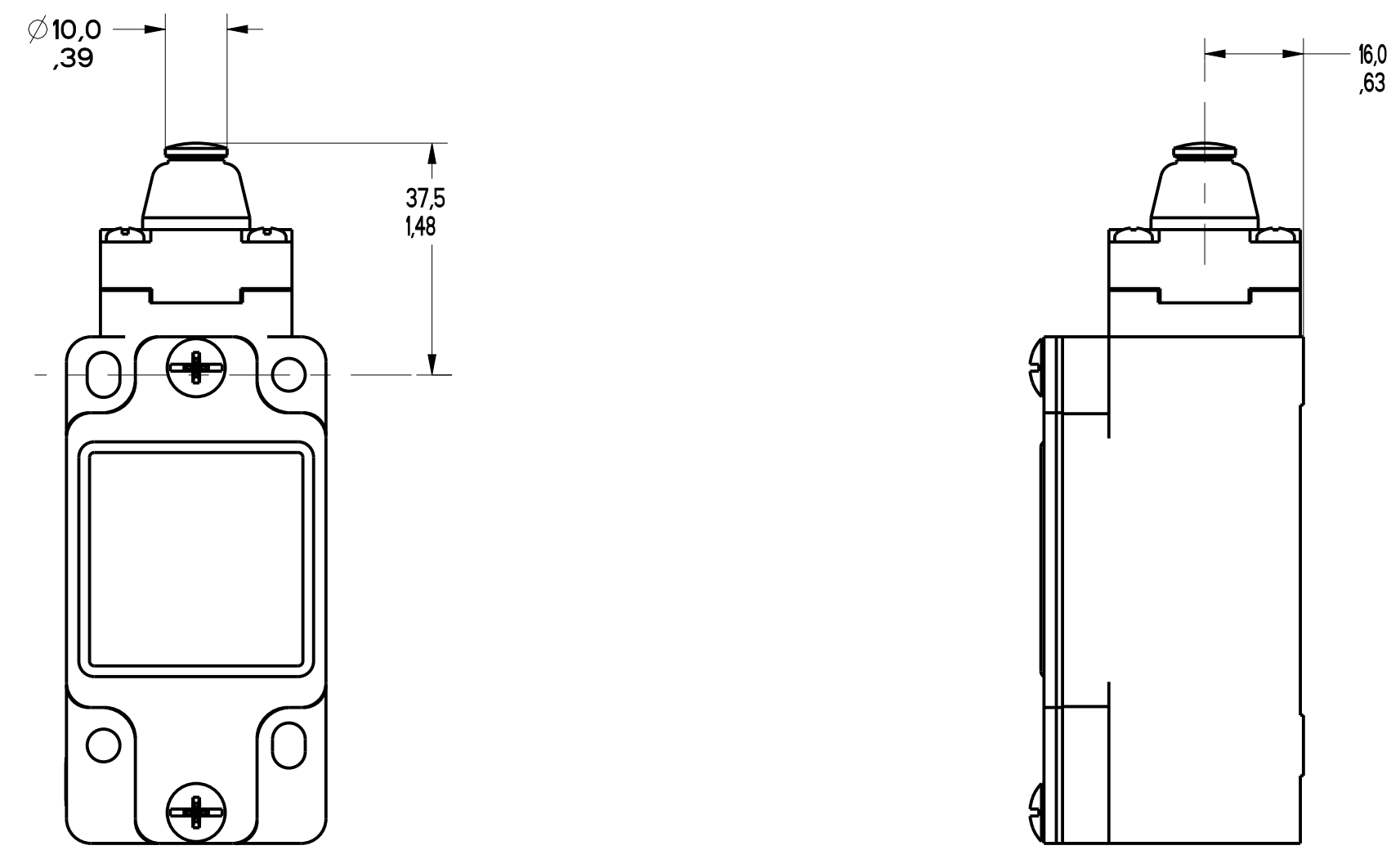


FIGURE 4 - TOP PIN PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

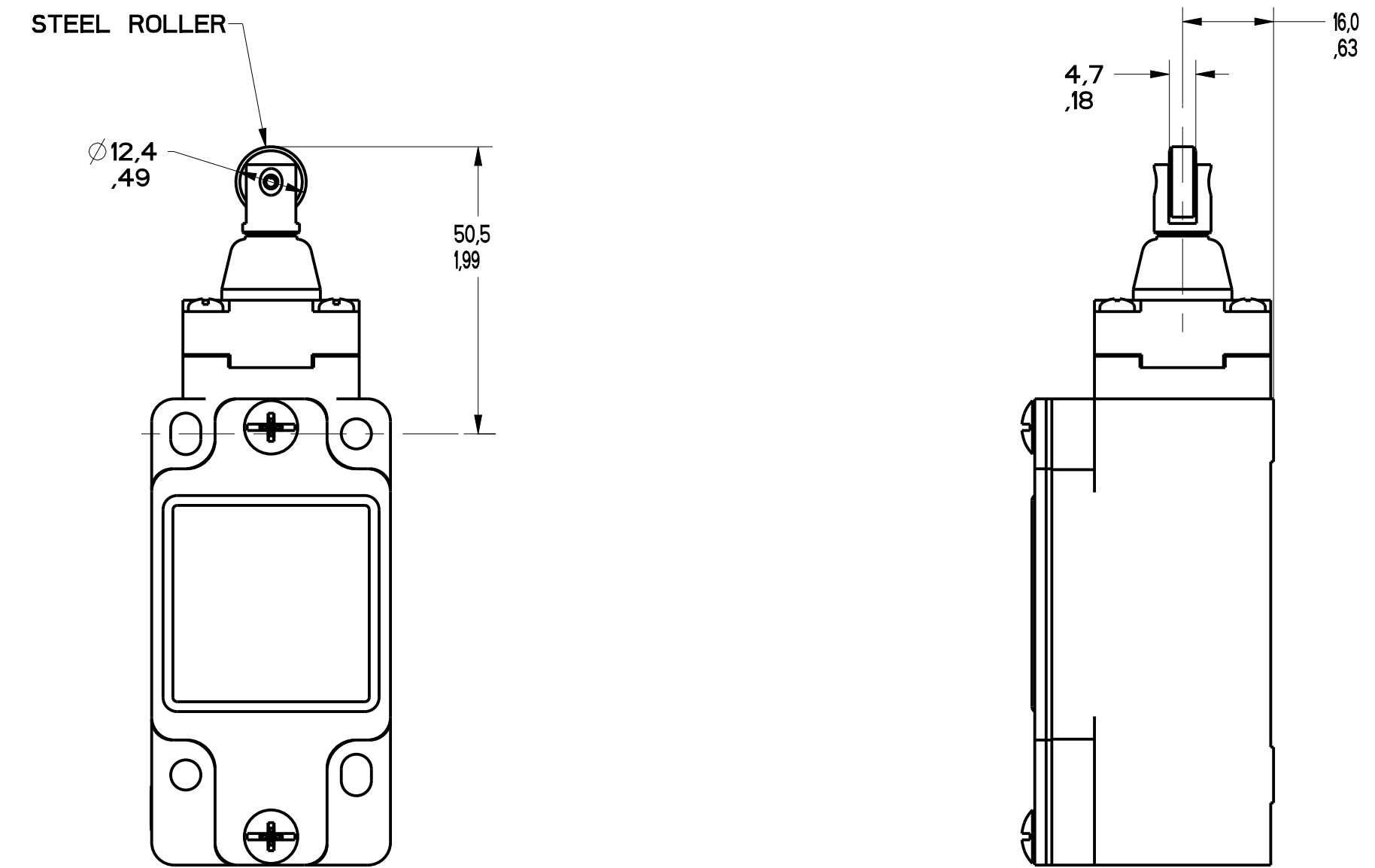


FIGURE 5 - TOP ROLLER PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

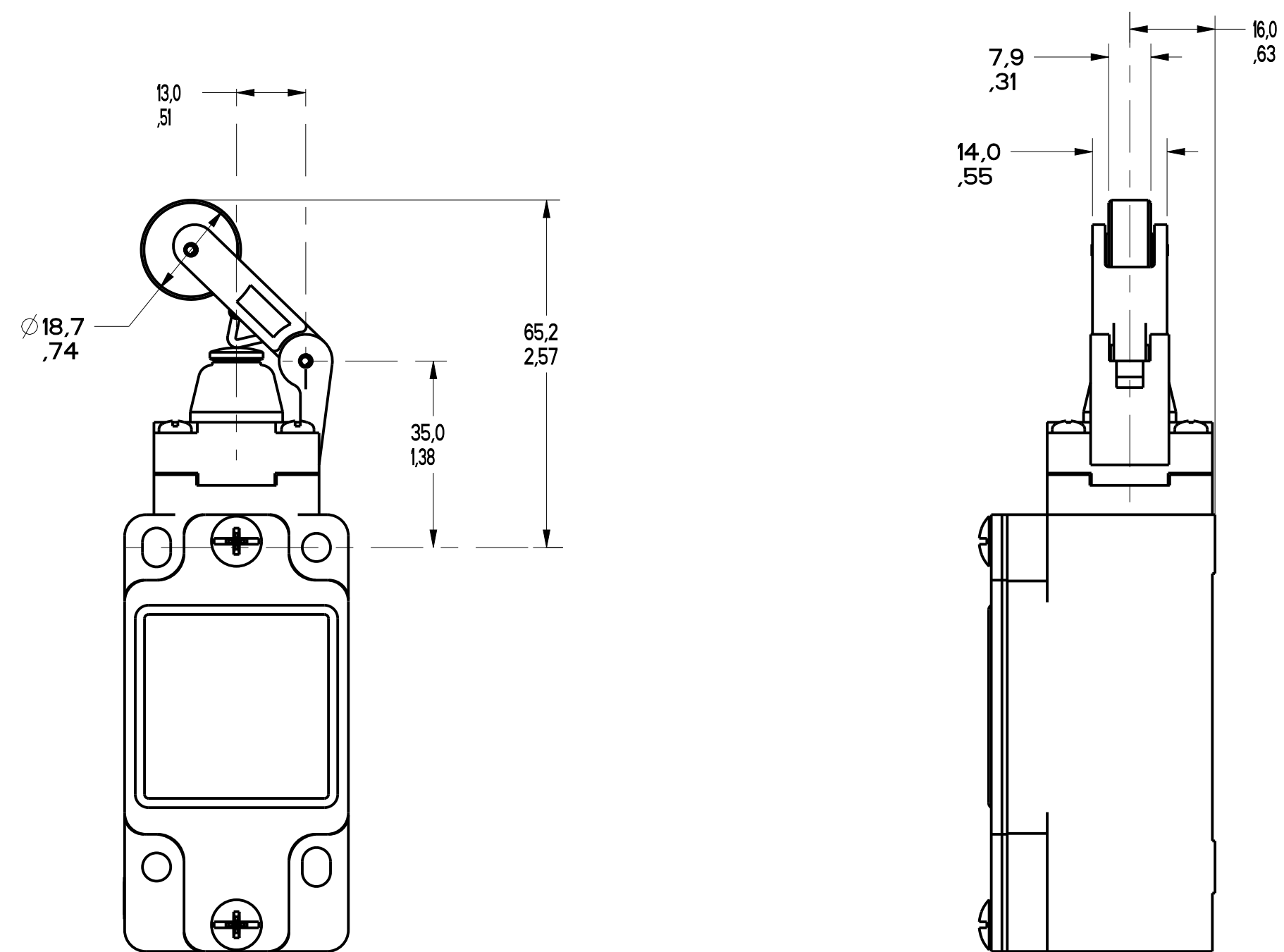
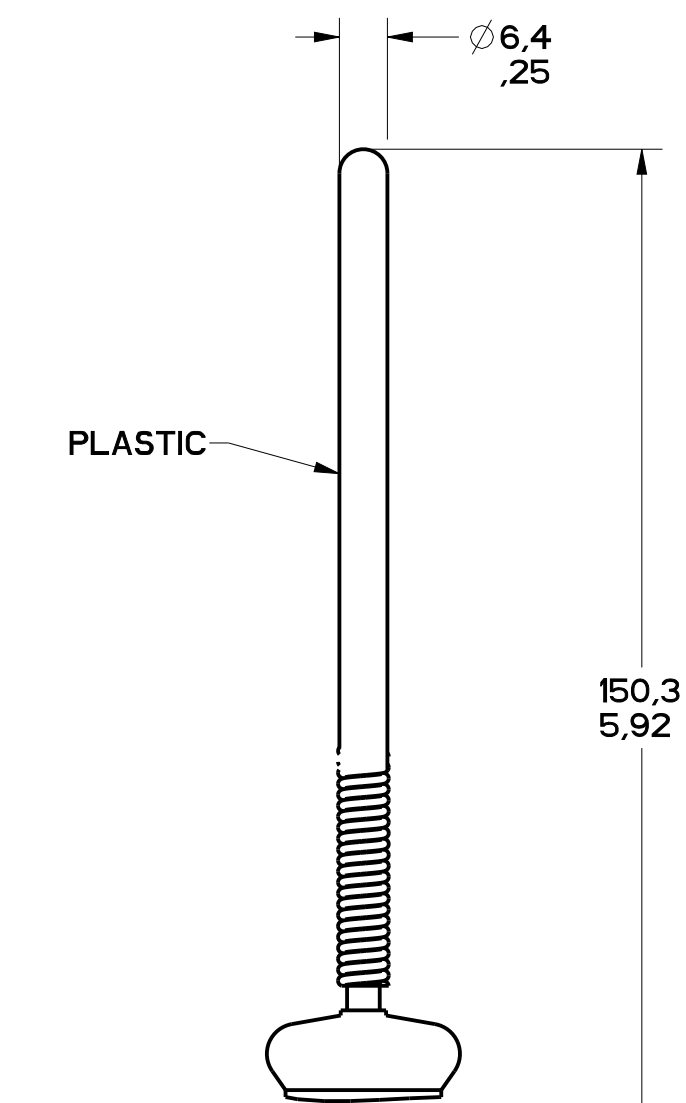


FIGURE 6 - TOP LEVER HEAD,
OTHERWISE REFER TO
FIGURE 1

[illegible]

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.																																				
FED. MFG. CODE 91929		CATALOG LISTING																																		
MICRO SWITCH a Honeywell Division		GL SERIES CHART 1																																		
		WEIGHT																																		
		<table><tr><th></th><th>SW</th><th>TOL</th><th>SW</th><th>TOL</th></tr><tr><th></th><th>in</th><th>mm</th><th>in</th><th>mm</th></tr><tr><td>NO PLACES</td><td>2</td><td>1/24</td><td>2.0</td><td>0.81/0.0</td></tr><tr><td>ONE PLACE</td><td>X, X</td><td>0.41/0.016</td><td>1.000</td><td>0.381/0.013</td></tr><tr><td>TWO PLACES</td><td>X, X</td><td>0.15/0.006</td><td>1.000</td><td>0.381/0.013</td></tr><tr><td>THREE PLACES</td><td></td><td></td><td></td><td></td></tr><tr><td>ANGLES</td><td></td><td>±2°</td><td></td><td></td></tr></table>			SW	TOL	SW	TOL		in	mm	in	mm	NO PLACES	2	1/24	2.0	0.81/0.0	ONE PLACE	X, X	0.41/0.016	1.000	0.381/0.013	TWO PLACES	X, X	0.15/0.006	1.000	0.381/0.013	THREE PLACES					ANGLES		±2°
	SW	TOL	SW	TOL																																
	in	mm	in	mm																																
NO PLACES	2	1/24	2.0	0.81/0.0																																
ONE PLACE	X, X	0.41/0.016	1.000	0.381/0.013																																
TWO PLACES	X, X	0.15/0.006	1.000	0.381/0.013																																
THREE PLACES																																				
ANGLES		±2°																																		
DESIGN UNITS ☒ SI METRIC		US CUSTOMARY ☐																																		



Technical drawing of a bolt. The drawing shows a hexagonal head at the bottom, a threaded shank, and a smooth shank at the top. The diameter of the shank is indicated as $\varnothing 13$ with a tolerance of $\pm 0,05$. The total length of the bolt is indicated as 165,1 mm, and the length of the threaded section is indicated as 6,50 mm.

Technical drawing of a bolt. The drawing shows a bolt with a hexagonal head and a threaded shank. The diameter of the shank is indicated as $\varnothing 12,05$. The total length of the bolt is indicated as 139,50.

Technical drawing of a screwdriver. The drawing shows a side view of the tool. The handle is at the bottom, followed by a threaded section (the neck), and a long, thin shaft (the blade). Dimensions are indicated: the diameter of the shaft is $\varnothing 1,2$ mm, and the length of the shaft is 190,5 mm. A dimension of 7,50 mm is also shown, likely indicating the length of the threaded section.

Technical drawing of a vertical cable assembly. The drawing shows a cable with a coiled section at the bottom. A dimension line on the right indicates a total height of 153.5 and a segment height of 6.04. A label 'CABLE' with an arrow points to the main vertical section of the cable.

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

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.				<table><tr><td>SW mm</td><td>TOL mm (+/-)</td><td>SW in</td><td>TOL in (+/-)</td></tr><tr><td>9</td><td>0.075</td><td>0.354</td><td>0.003</td></tr></table>				SW mm	TOL mm (+/-)	SW in	TOL in (+/-)	9	0.075	0.354	0.003																	
SW mm	TOL mm (+/-)	SW in	TOL in (+/-)																													
9	0.075	0.354	0.003																													
FED. MFG. CODE 91929		CATALOG LISTING		<table><tr><td>NO PLACES</td><td>X</td><td>0.47-0.006</td><td>0.5</td><td>0.001-0.003</td></tr><tr><td>ONE PLACE</td><td>X,X</td><td>0.157-0.006</td><td>0.002</td><td>0.151-0.005</td></tr><tr><td>TWO PLACES</td><td>X,X,X</td><td></td><td></td><td></td></tr><tr><td>THREE PLACES</td><td></td><td></td><td></td><td></td></tr><tr><td>ANGLES</td><td></td><td></td><td></td><td></td></tr></table>				NO PLACES	X	0.47-0.006	0.5	0.001-0.003	ONE PLACE	X,X	0.157-0.006	0.002	0.151-0.005	TWO PLACES	X,X,X				THREE PLACES					ANGLES				
NO PLACES	X	0.47-0.006	0.5	0.001-0.003																												
ONE PLACE	X,X	0.157-0.006	0.002	0.151-0.005																												
TWO PLACES	X,X,X																															
THREE PLACES																																
ANGLES																																
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		DESIGN UNITS ☒ SI METRIC ☐ US CUSTOMARY ☐																												
				WEIGHT																												
		GL SERIES CHART 1																														

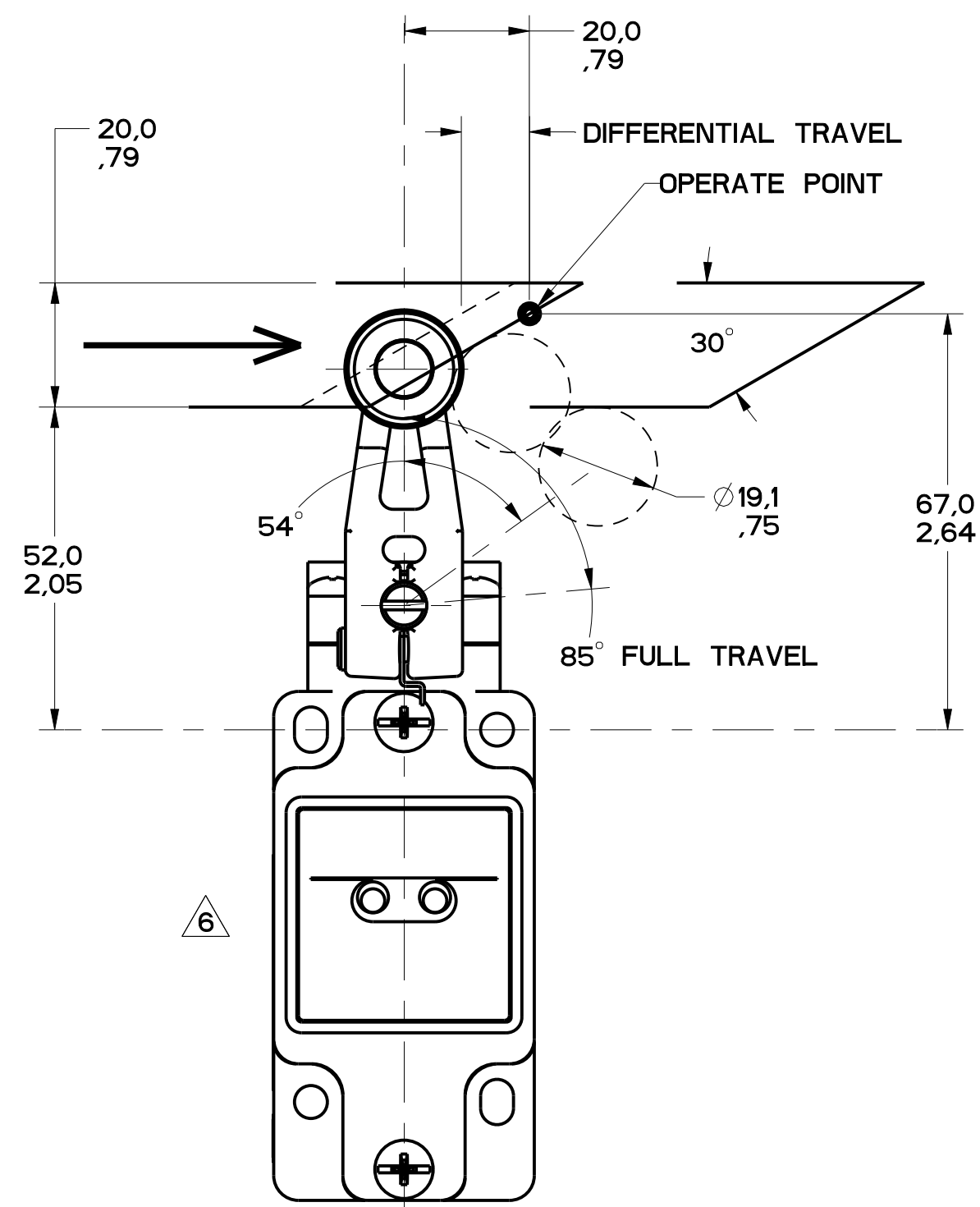


FIGURE 8

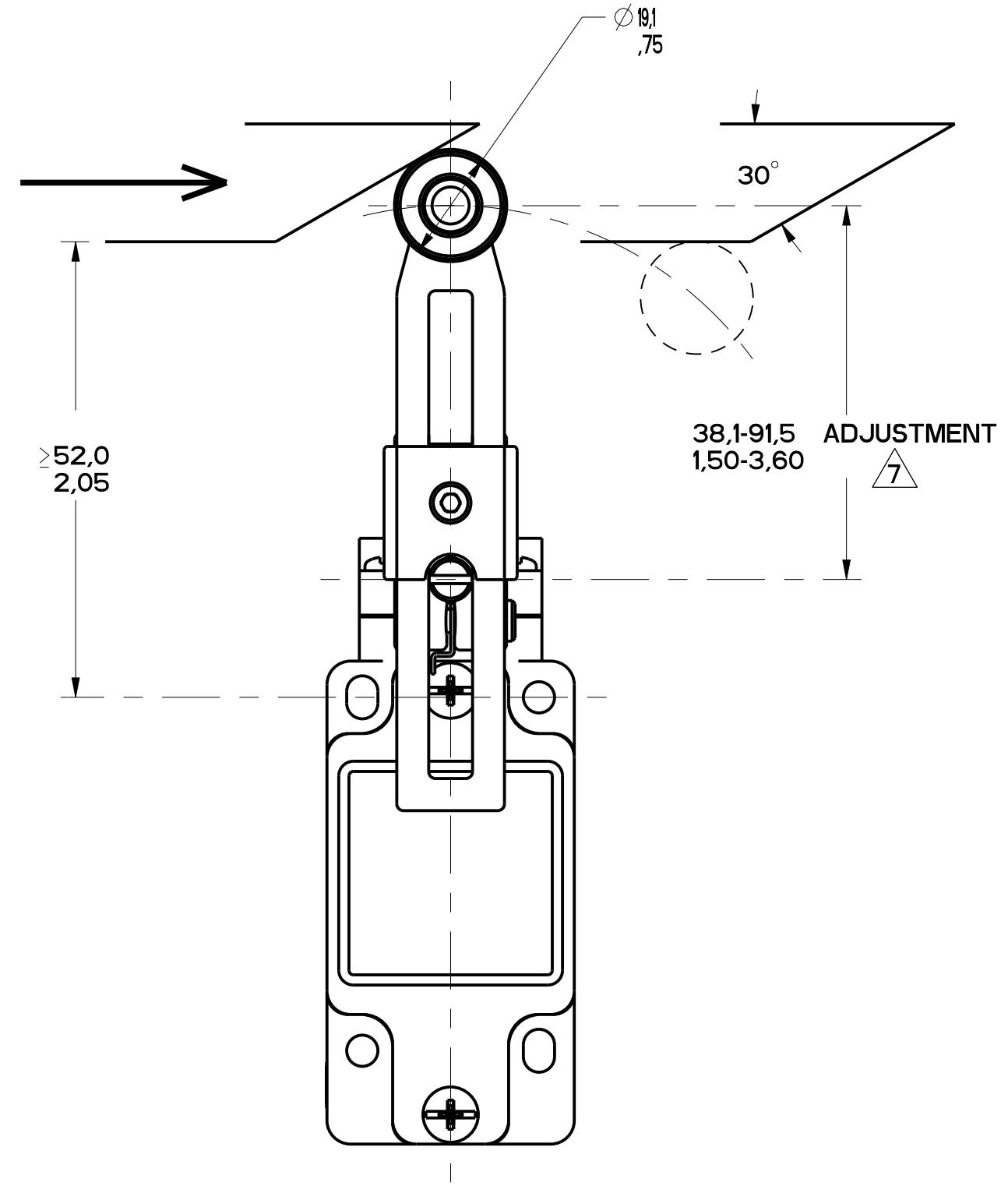


FIGURE 9

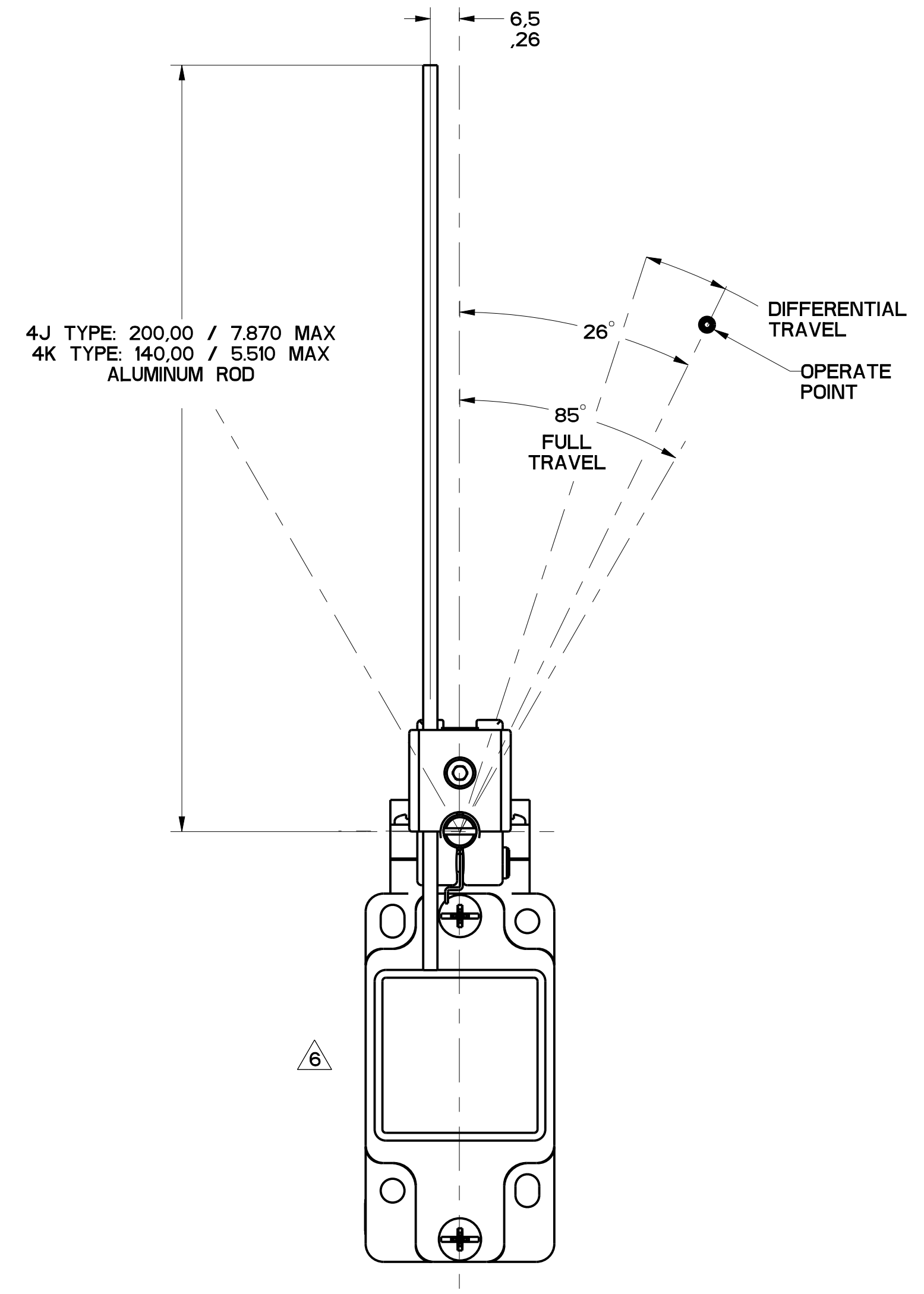


FIGURE 10

[illegible]

PTC/CAD	DRAWN	S A V 27MAR96	CHECK	DVM	07AUG06	CHECK	CMH	05OCT10	REVISIONS
									F 0000401
									GLH 2 JUN03
									G 0002986
									RS 20 JAN04
									H 0023759
									RFP 07AUG06
									J 0037216
									BS 09FEB08
									K 0034629
									SS 12SEP08
									L 0048605
									YKS 09FEB09
									M 0070059
									DN 05OCT10
									N 0049570
									SSH 12OCT12

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.						<table><tr><td>DIM.</td><td>TOL.</td><td>DIM.</td><td>TOL.</td></tr><tr><td>mm</td><td>mm/100</td><td>in.</td><td>in./100</td></tr><tr><td>NO PLACES</td><td>X</td><td>1/4</td><td>±.04</td></tr><tr><td>ONE PLACE</td><td>X, X</td><td>0.4/0.016</td><td>±.01</td></tr><tr><td>TWO PLACES</td><td>X, X</td><td>0.5/0.006</td><td>±.005</td></tr><tr><td>THREE PLACES</td><td></td><td></td><td></td></tr><tr><td>ANGLES</td><td></td><td>±2°</td><td></td></tr></table>				DIM.	TOL.	DIM.	TOL.	mm	mm/100	in.	in./100	NO PLACES	X	1/4	±.04	ONE PLACE	X, X	0.4/0.016	±.01	TWO PLACES	X, X	0.5/0.006	±.005	THREE PLACES				ANGLES		±2°	
DIM.	TOL.	DIM.	TOL.																																		
mm	mm/100	in.	in./100																																		
NO PLACES	X	1/4	±.04																																		
ONE PLACE	X, X	0.4/0.016	±.01																																		
TWO PLACES	X, X	0.5/0.006	±.005																																		
THREE PLACES																																					
ANGLES		±2°																																			
FED. MFG. CODE 91929		CATALOG LISTING		<table><tr><td>DESIGN UNITS</td><td>☒ SI METRIC</td><td>☐ US CUSTOMARY</td></tr></table>				DESIGN UNITS	☒ SI METRIC	☐ US CUSTOMARY																											
DESIGN UNITS	☒ SI METRIC	☐ US CUSTOMARY																																			
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 1																																	
		WEIGHT																																			

REVISIONS	
1	0000491
2	00003
3	0002986
4	20 04284
5	0023759
6	0026086
7	0037216
8	0043629
9	0043629
10	0043629
11	0043629
12	0043629
13	0043629
14	0043629
15	0043629
16	0043629
17	0043629
18	0043629
19	0043629
20	0043629
21	0043629
22	0043629
23	0043629
24	0043629
25	0043629
26	0043629
27	0043629
28	0043629
29	0043629
30	0043629
31	0043629
32	0043629
33	0043629
34	0043629
35	0043629
36	0043629
37	0043629
38	0043629
39	0043629
40	0043629
41	0043629
42	0043629
43	0043629
44	0043629
45	0043629
46	0043629
47	0043629
48	0043629
49	0043629
50	0043629
51	0043629
52	0043629
53	0043629
54	0043629
55	0043629
56	0043629
57	0043629
58	0043629
59	0043629
60	0043629
61	0043629
62	0043629
63	0043629
64	0043629
65	0043629
66	0043629
67	0043629
68	0043629
69	0043629
70	0043629
71	0043629
72	0043629
73	0043629
74	0043629
75	0043629
76	0043629
77	0043629
78	0043629
79	0043629
80	0043629
81	0043629
82	0043629
83	0043629
84	0043629
85	0043629
86	0043629
87	0043629
88	0043629
89	0043629
90	0043629
91	0043629
92	0043629
93	0043629
94	0043629
95	0043629
96	0043629
97	0043629
98	0043629
99	0043629
100	0043629

FIGURES 8, 9, 10 SIDE ROTARY 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 LB-IN	MAXIMUM DISCONNECT TORQUE N-m LB-IN	MAX OPERATE DEGREE/S	MIN OPERATE DEGREE/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01A GL**07A	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 13-14 26° 55**° 85° 12° DIFFERENTIAL TRAVEL	.330 2.9	.385 3.4	1290	13	250
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE 	 21-22 13-14 26**° 85° 38°	.330 2.9	.385 3.4	1290	13	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 13-14 38**° 85° 26°	.330 2.9	.400 3.5	1290	13	250
GL**05A GL**35A	SLOW ACTING 	 13-14 23-24 38° 85°	.330 2.9	.385 3.4	1290	13	250
GL**06A GL**36A	SLOW ACTING 	 11-12 21-22 26**° 85°	.330 2.9	.385 3.4	1290	13	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 13-14, 23-24 26° 55**° 85° 12° DIFFERENTIAL TRAVEL	.330 2.9	.385 3.4	1290	13	250
GL**21A GL**25A GL**28A GL**31A	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 11-12 13-14 21-22 23-24 27 42 8 DIFFERENTIAL TRAVEL 8 DIFFERENTIAL TRAVEL	.330 2.9	N/A	1290	13	250

SIDE ROTARY HEAD, 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 GL**07A	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 13-14 0 20 56** 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE 	 21-22 13-14 0 20** 32	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 13-14 0 32 20	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**05A GL**35A	SLOW ACTING 	 13-14 23-24 0 32° 85°	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**06A GL**36A	SLOW ACTING 	 11-12 21-22 0 20**	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 13-14, 23-24 0 20 56** 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.8 2.7	.85 33.5	8.5 .33	250
GL**21A GL**25A GL**28A GL**31A	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 11-12 13-14 21-22 23-24 0 20 38.5 8.5 DIFFERENTIAL TRAVEL 7 DIFFERENTIAL TRAVEL	9.7 2.2	N/A	.85 33.5	8.5 .33	250
GL**26J GL**27J GL**29J GL**30J	CCW CW SNAP ACTION CONTACTS DOUBLE POLE CENTER NEUTRAL 	 11-12 13-14 21-22 23-24 0 16 8 DIFFERENTIAL TRAVEL 8 DIFFERENTIAL TRAVEL	9.7 2.2	N/A	.85 33.5	8.5 .33	250

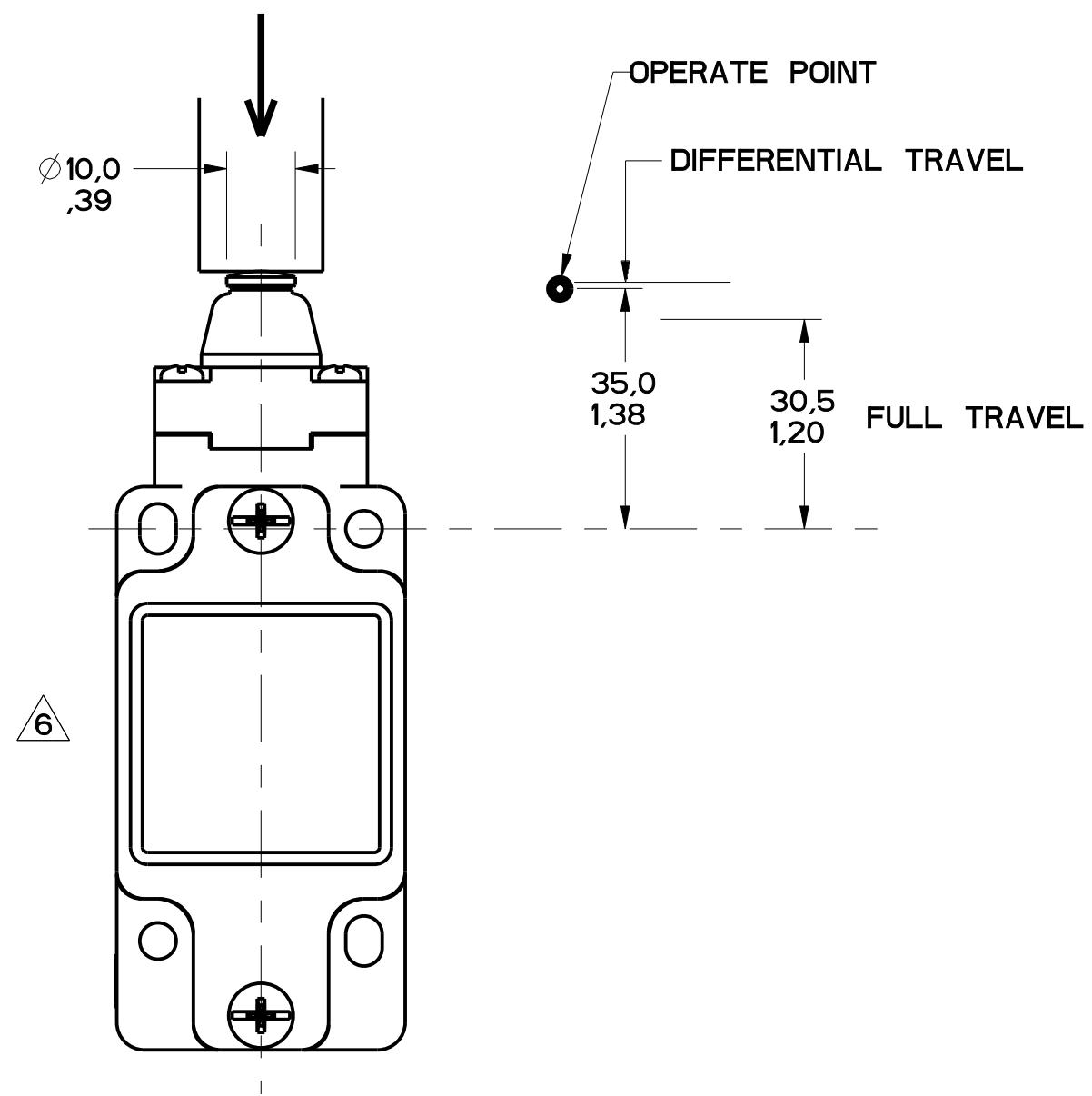


FIGURE 11

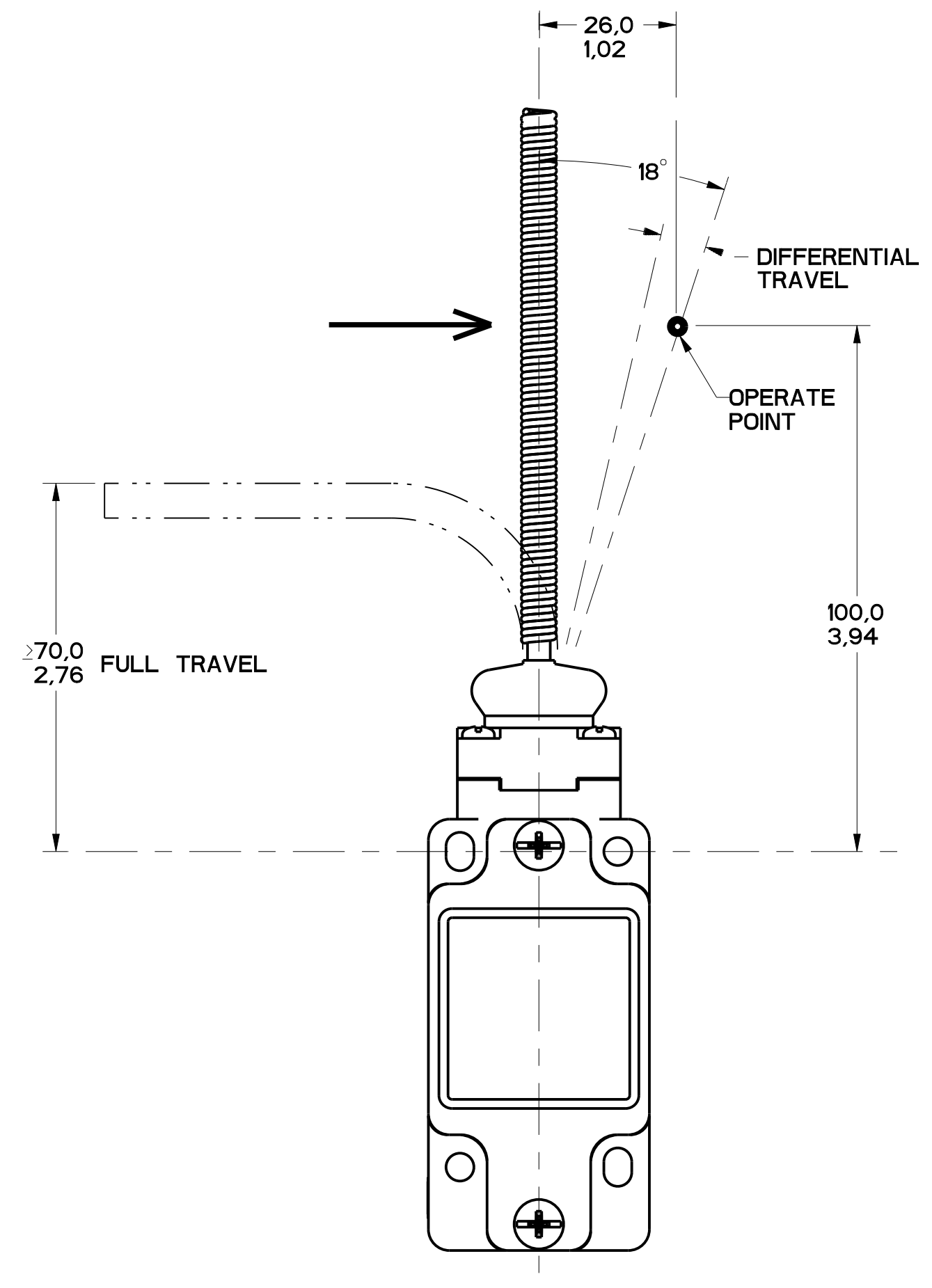


FIGURE 12

[illegible]

REVISIONS		GLH 26AUG93 CHECK CMH 05OCT10
F	0000401 GLH 2 JUN 03	
G	0002986 RS 20 JAN 04	
H	0033759 RKP 07AUG06	
J	0037216 BS 08FEB08	
K	0043629 SS 12SEP08	
L	0048605 YKS 09FEB09	
M	0070059 DN 05OCT10	
N	0094570 SBH 12OCT12	

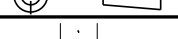
THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

GL SERIES CHART 1

THIRD ANGLE PROJECTION			
			
1:1			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS, CONVERSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED, TOLERANCES ARE:			
DIM	TOL	FIN	TOL
mm	mm	mm	mm
NO PLACES	X	1 / 0.04	1
ONE PLACE	X .1	0.04 / 0.16	0.04 / 0.16
TWO PLACES	X .01	0.01 / 0.06	0.01 / 0.06
THREE PLACES	X .001	0.001 / 0.006	0.001 / 0.006
±			
SI METRIC		US CUSTOMARY	
DESIGN UNITS			
WEIGHT			

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 $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M}{S}$ $\frac{IN}{S}$	MIN OPERATE VEL $\frac{MM}{S}$ $\frac{IN}{S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01B GL**07B	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**03B GL**33B	SLOW ACTING BREAK BEFORE MAKE 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**04B GL**34B	SLOW ACTING MAKE BEFORE BREAK 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**05B GL**35B	SLOW ACTING 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**06B GL**36B	SLOW ACTING 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**20B GL**22B GL**24B GL**32B	SNAP ACTION CONTACTS DOUBLE POLE 		$\frac{16}{3.6}$	$\frac{37}{8.2}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**21B GL**25B GL**28B GL**31B	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 		$\frac{16}{3.6}$	N/A	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	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 $\frac{N\cdot m}{LB\cdot IN}$	MAXIMUM DISCONNECT TORQUE $\frac{N\cdot m}{LB\cdot IN}$	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**01E GL**07E	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{0.2}{1.8}$	N/A	360	8	100
GL**03E GL**33E	SLOW ACTING BREAK BEFORE MAKE 		$\frac{0.2}{1.8}$	N/A	360	8	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 		$\frac{0.2}{1.8}$	N/A	360	8	100
GL**05E GL**35E	SLOW ACTING 		$\frac{0.2}{1.8}$	N/A	360	8	100
GL**06E GL**36E	SLOW ACTING 		$\frac{0.2}{1.8}$	N/A	360	8	100
GL**20E GL**22E GL**24E GL**32E	SNAP ACTION CONTACTS DOUBLE POLE 		$\frac{0.2}{1.8}$	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 $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M}{S}$ $\frac{IN}{S}$	MIN OPERATE VEL $\frac{MM}{S}$ $\frac{IN}{S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01E GL**07E	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**03E GL**33E	SLOW ACTING BREAK BEFORE MAKE 		$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 		$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**05E GL**35E	SLOW ACTING 		$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**06E GL**36E	SLOW ACTING 		$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**20E GL**22E GL**24E GL**32E	SNAP ACTION CONTACTS DOUBLE POLE 		$\frac{2.5}{0.6}$	N/A	360	8	100

THIRD ANGLE PROJECTION

SCALE -

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:

	IN	TOL	MM	TOL
NO PLACES	X	1/64	X	0.13
ONE PLACE	X.X	0.0156	X.X	0.39
TWO PLACES	X.XX	0.0039	X.XX	0.10
THREE PLACES	X.XXX	0.0009	X.XXX	0.025

DESIGN UNITS
☒ SI METRIC
☐ US CUSTOMARY

WEIGHT

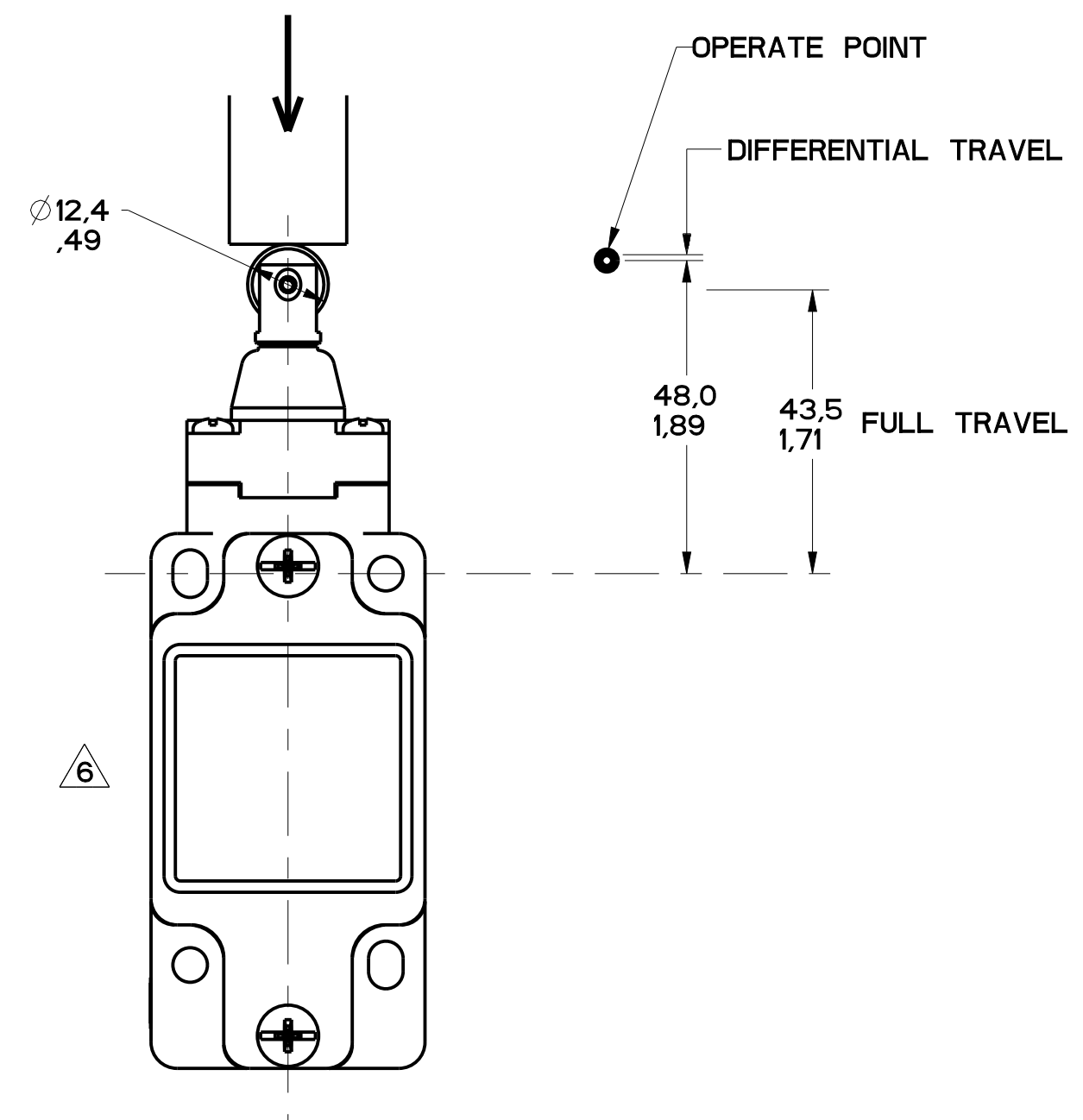


FIGURE 13A

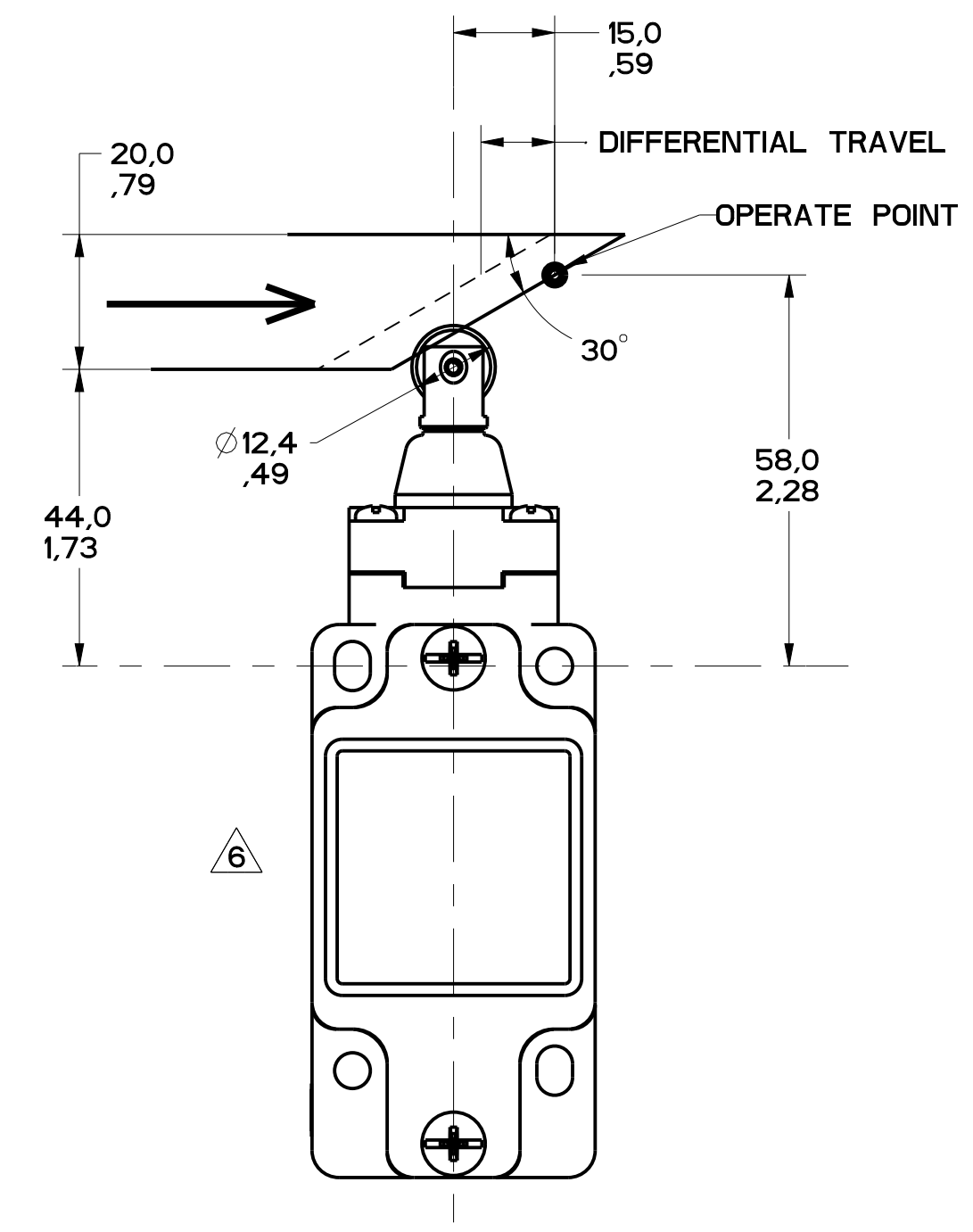


FIGURE 13B

[illegible]

REV IS I O N S		C M H		C H E C K		C M H	
F	0000401	GLH	2JUN03	G	0002986	RS	20JAN04
H	0023759	RRP	07AUG06	J	0037216	BS	08FEB08
K	0043629	SS	12SEP08	L	0048605	VKS	09FEB09
M	0070059	DN	05OCT10	N	0094570	SSH	12OCT12

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.

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

FED. MFG. CODE 91929

CATALOG LISTING

GL SERIES CHART 1

SWITCH, ENCLOSED

THIRD ANGLE PROJECTION			
			
SCALE	1 : 1		
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE :			
DIM mm NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES	DIM mm X.X X.XX X.XXX	TOL mm 0.1 0.05 0.01 0.005 ± 0.2	DIM in F.F F.FF F.FFF 0.001 0.0005 0.0001 0.00005
SI METRIC		US CUSTOMARY	
DESIGN UNITS		 	
WEIGHT			

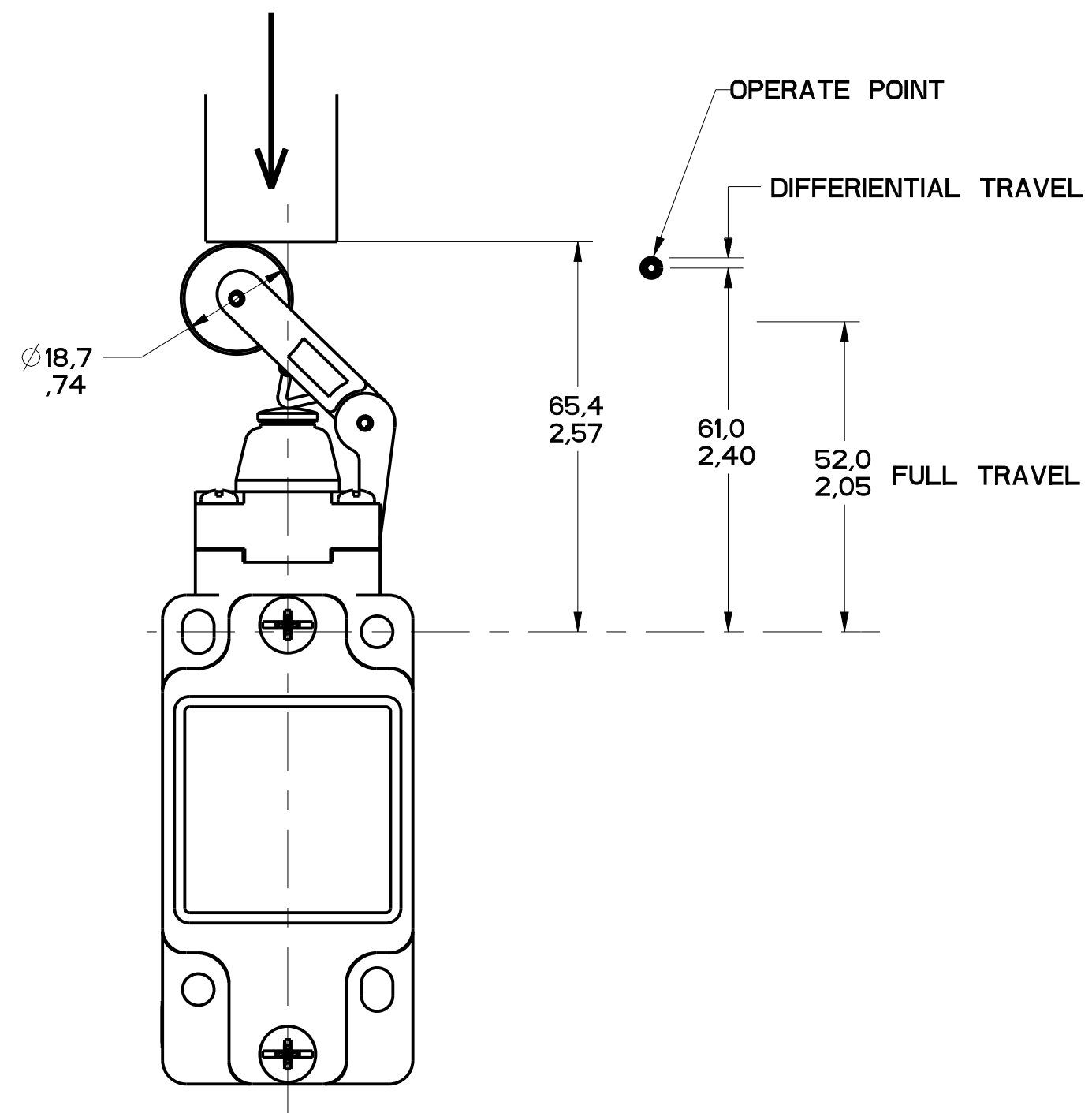


FIGURE 14A

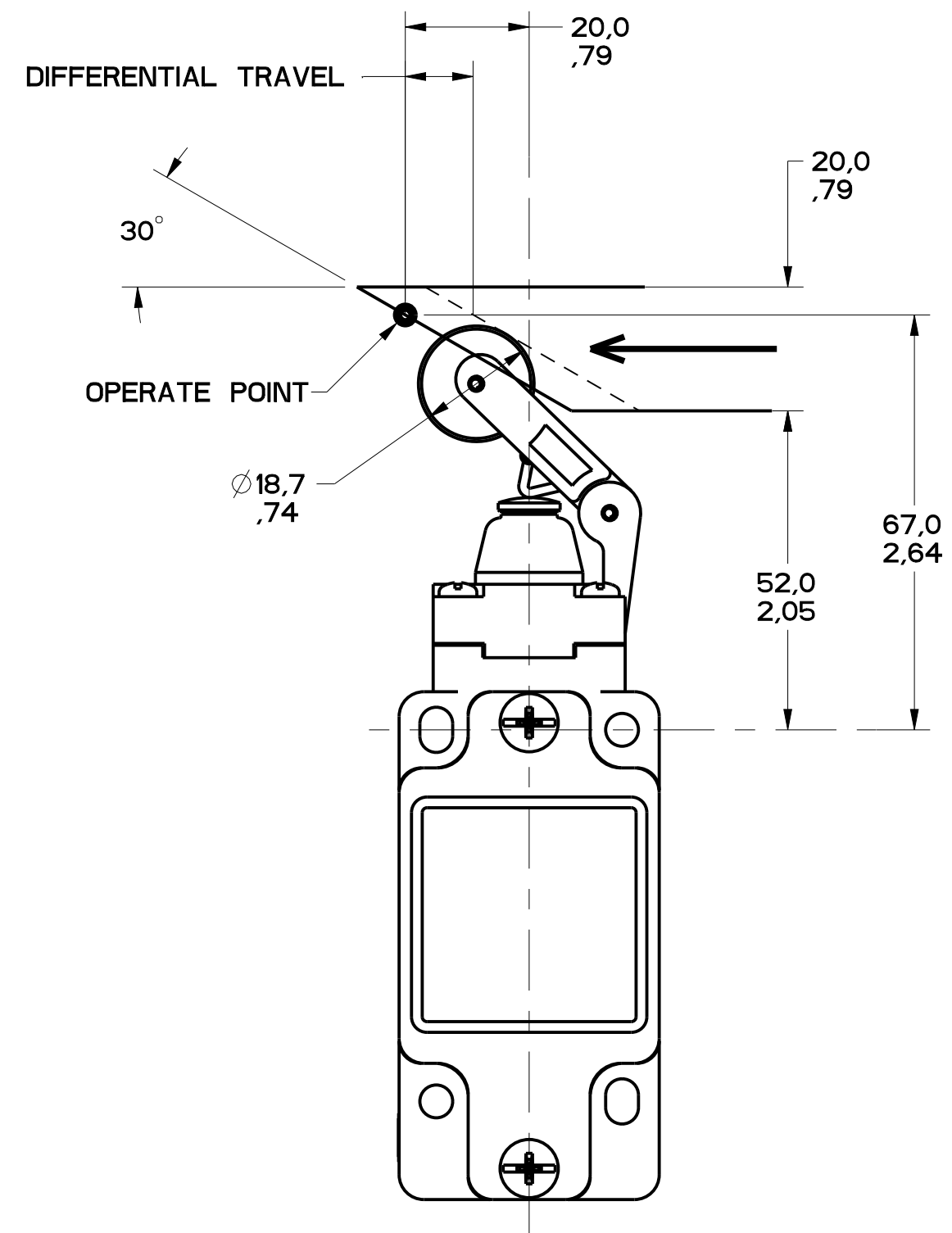


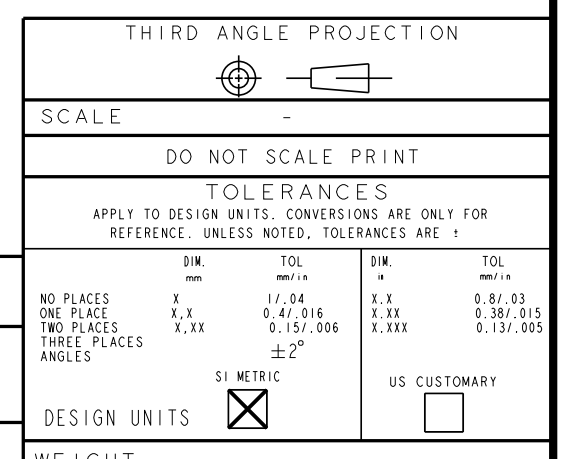
FIGURE 14B

[illegible]

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.					
FED. MFG. CODE 91929		CATALOG LISTING		DIM mm TOL mm NO PLACES X .1 / .04 ONE PLACE X.X 0.4 / .016 TWO PLACES X.XX 0.15 / .008 THREE PLACES X.XXX ±.005 ANGLES ±.0° DIM inches TOL inches NO PLACES .005 ONE PLACE .01 TWO PLACES .005 THREE PLACES .002 ANGLES .000	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 1	
		WEIGHT		SI METRIC ☒ US CUSTOMARY ☐	
				DESIGN UNITS ☒	

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 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**01D GL**07D	SNAP - ACTION CONTACTS SINGLE POLE 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**03D GL**33D	SLOW ACTING BREAK BEFORE MAKE 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**04D GL**34D	SLOW ACTING MAKE BEFORE BREAK 		5.5 1.2	9.6 2.2	0.29 11.4	2.9 .11	250
GL**05D GL**35D	SLOW ACTING 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**06D GL**36D	SLOW ACTING 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**21D GL**25D GL**28D GL**31D	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL		5.5 1.2	N/A	0.29 11.4	2.9 .11	250



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

SWITCH, ENCLOSED

GL SERIES CHART 1

ANSI Y14.5M-1982 APPLIES

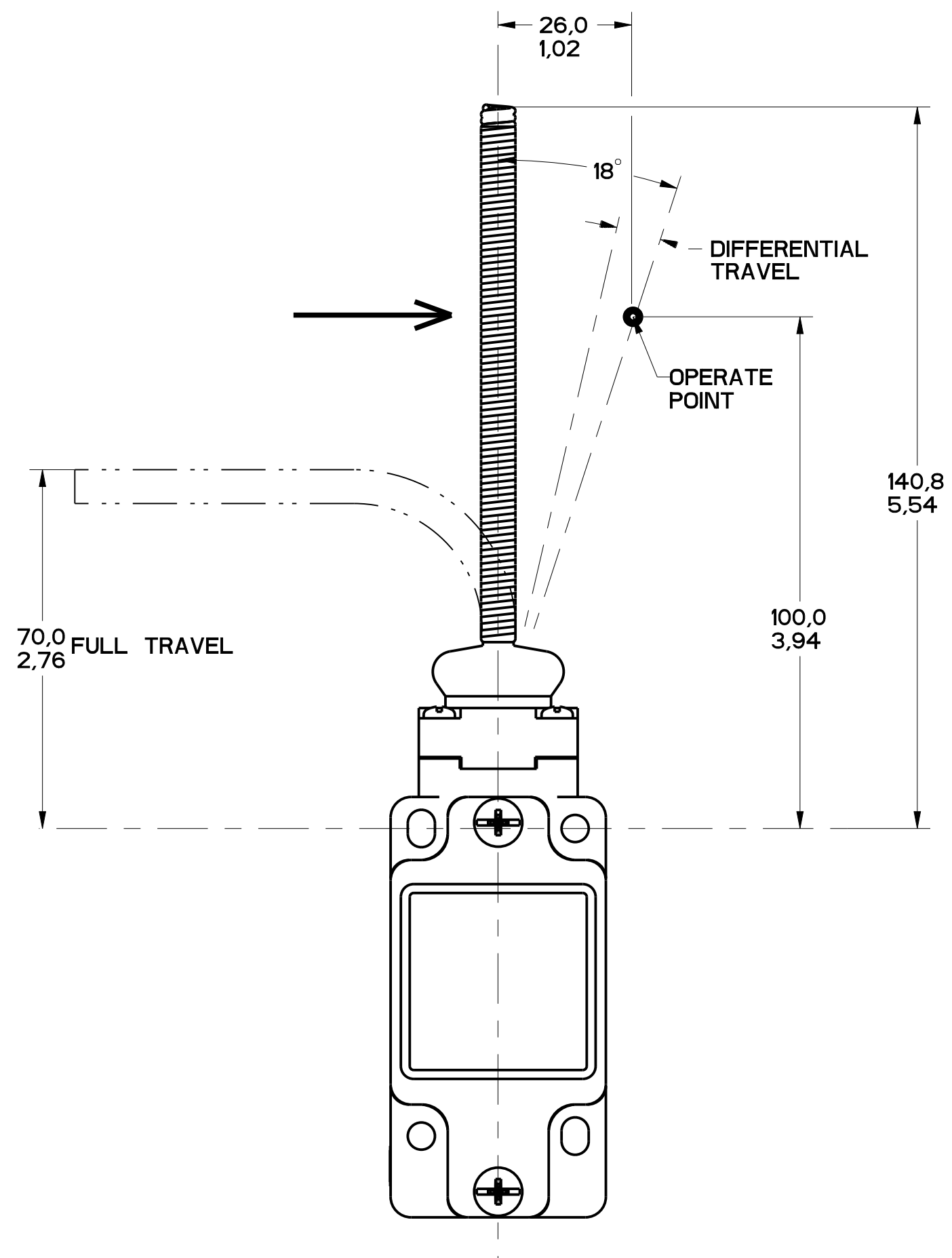


FIGURE 15

[illegible][illegible]

FIGURE 15, CAT WISKER HEAD, ANGULAR ACTUATION							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL	MAXIMUM OPERATING TORQUE $\frac{N \cdot m}{LB \cdot IN}$	MAXIMUM DISCONNECT TORQUE $\frac{N \cdot m}{LB \cdot IN}$	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**01K GL**07K	SNAP - ACTION CONTACTS SINGLE POLE 	 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.1}{.9}$	N/A	360	8	100
GL**03K GL**33K	SLOW ACTING BREAK BEFORE MAKE 	 18° 25	$\frac{0.1}{.9}$	N/A	360	8	100
GL**04K GL**34K	SLOW ACTING MAKE BEFORE BREAK 	 25° 18°	$\frac{0.1}{.9}$	N/A	360	8	100
GL**05K GL**35K	SLOW ACTING 	 25°	$\frac{0.1}{.9}$	N/A	360	8	100
GL**06K GL**36K	SLOW ACTING 	 18°	$\frac{0.1}{.9}$	N/A	360	8	100
GL**20K GL**22K GL**24K GL**32K	SNAP ACTION CONTACTS DOUBLE POLE 	 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.1}{.9}$	N/A	360	8	100

FIGURE 15, CAT WISKER HEAD, SIDE ACTUATION AT 100mm							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{m/s}{in/s}$	MIN OPERATE VEL $\frac{mm/s}{in/s}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01K GL**07K	SNAP - ACTION CONTACTS SINGLE POLE 	 26 12 DIFFERENTIAL TRAVEL	$\frac{1.3}{.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**03K GL**33K	SLOW ACTING BREAK BEFORE MAKE 	 26.5 38.1	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**04K GL**34K	SLOW ACTING MAKE BEFORE BREAK 	 26.5 38.1	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**05K GL**35K	SLOW ACTING 	 38.1	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**06K GL**36K	SLOW ACTING 	 26.5	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**20K GL**22K GL**24K GL**32K	SNAP ACTION CONTACTS DOUBLE POLE 	 26 12 DIFFERENTIAL TRAVEL	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100

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

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9