

SIDE ROTARY

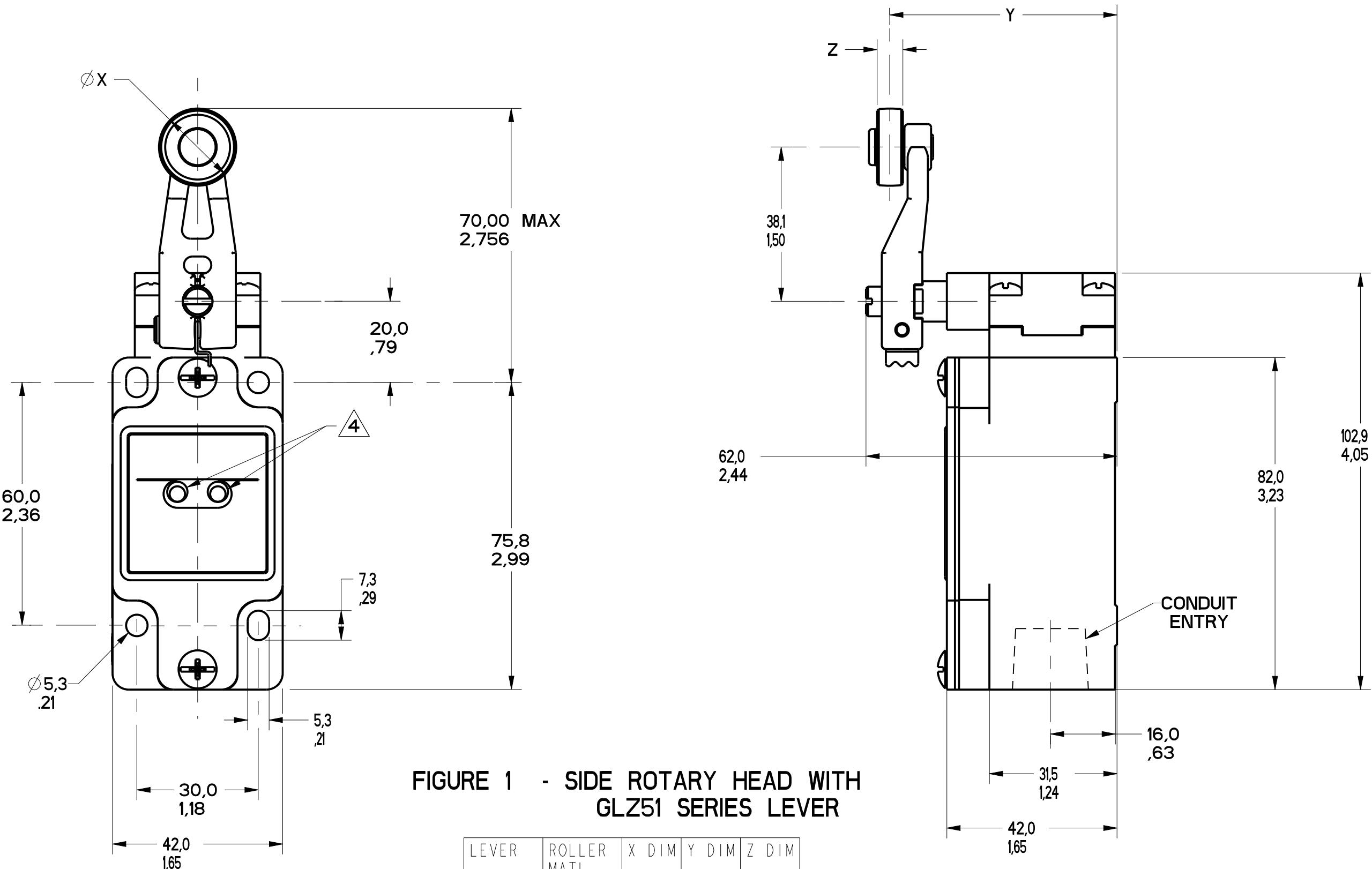


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

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

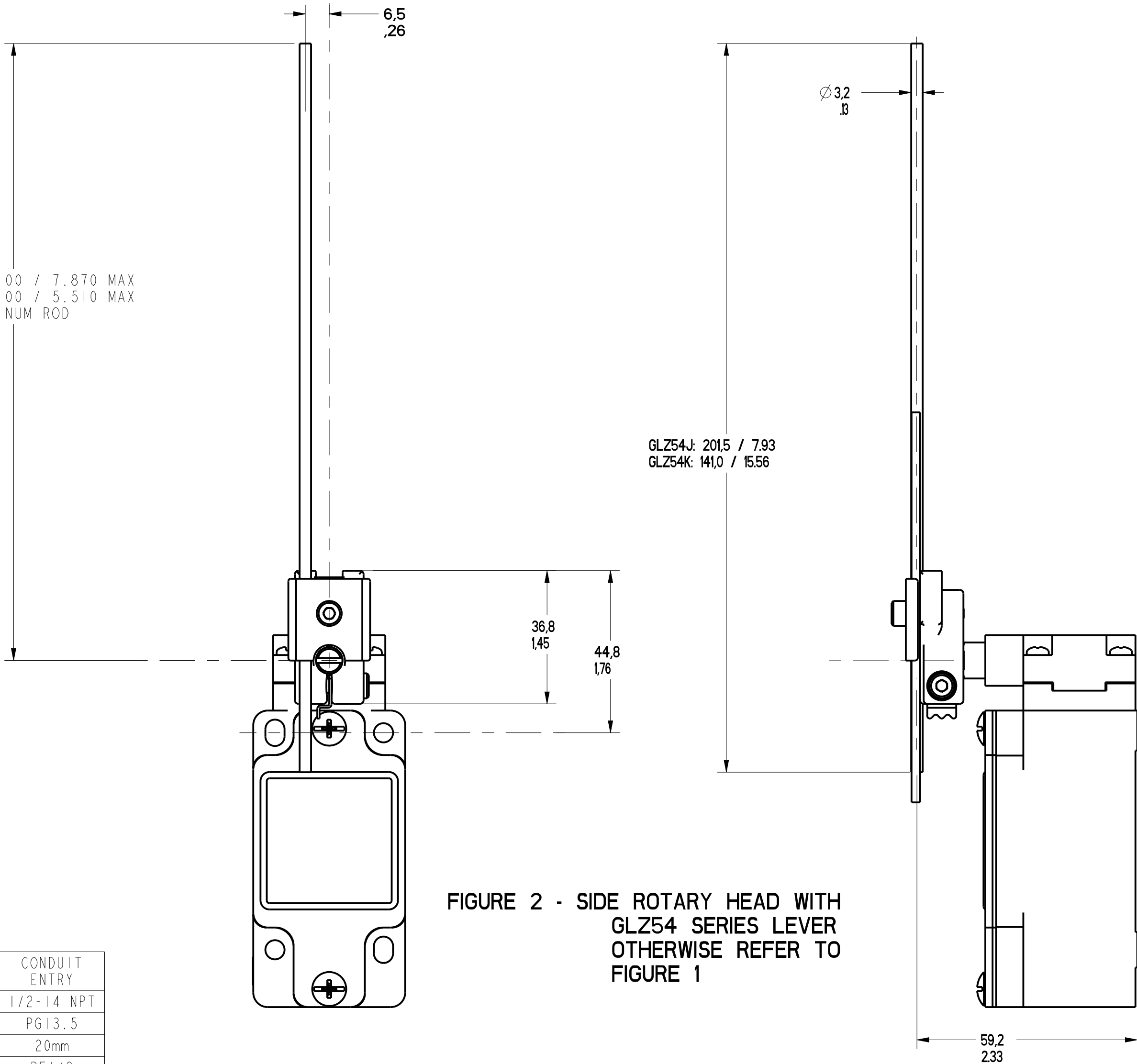


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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	
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
1 - HEADS MAY BE INDEXED IN 90° INCREMENTS.
2 - LEVERS MAY BE KEYED TO THE SHAFT AT 90° INCREMENTS. THEY MAY ALSO BE ATTACHED, BUT NOT KEYED ANYWHERE ON THE SHAFT.
3 - FOR ADDITIONAL LEVERS SEE "M" DRAWING CHART GLZ5
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.
5 - THE MAXIMUM VOLTAGE, V_e OF GLF AND GLH SERIES PRODUCTS IS THE MAXIMUM RATED VOLTAGE OF INDICATION LIGHTS
6 - FREE POSITION, OPERATE POINT, OVERTRAVEL AND PRETRAVEL ALL TO EN50041
7 - CAM TRAVEL FOR FIG 9 ONLY APPLIES WHEN LEVER IS ADJUSTED TO 38.1 / 1.50
8 - THE MAXIMUM VOLTAGE, V_e OF "06" AND "36" BASIC SWITCH CODE IS 300V (A300)
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

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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 1			
NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES	SI METRIC X X.X X.XX ±.2	TOL. mm mm mm mm	US CUSTOMARY X X.X X.XX X.XX ±.005 ±.005 ±.005 ±.005
DESIGN UNITS			
WEIGHT			

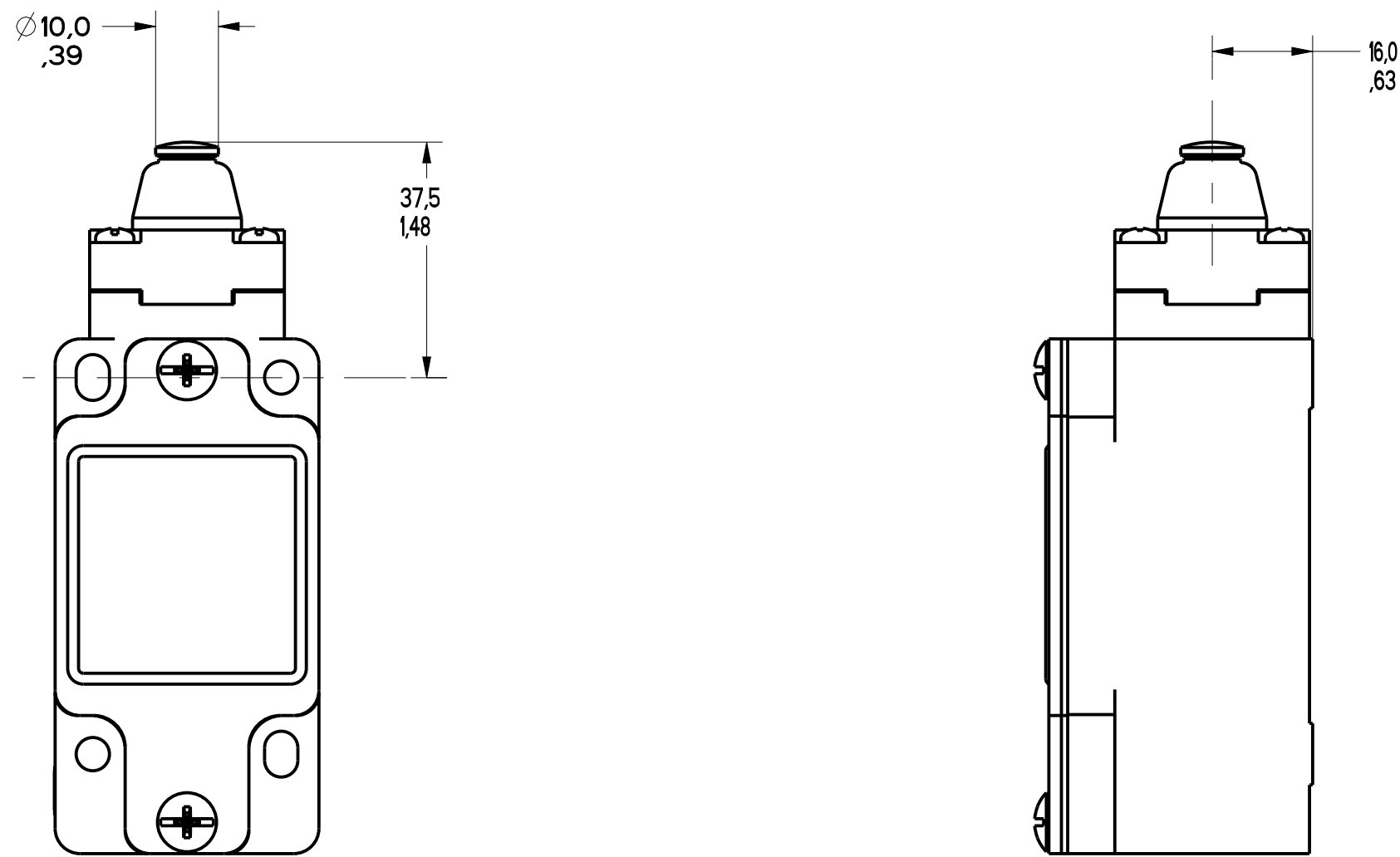


FIGURE 4 - TOP PIN PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

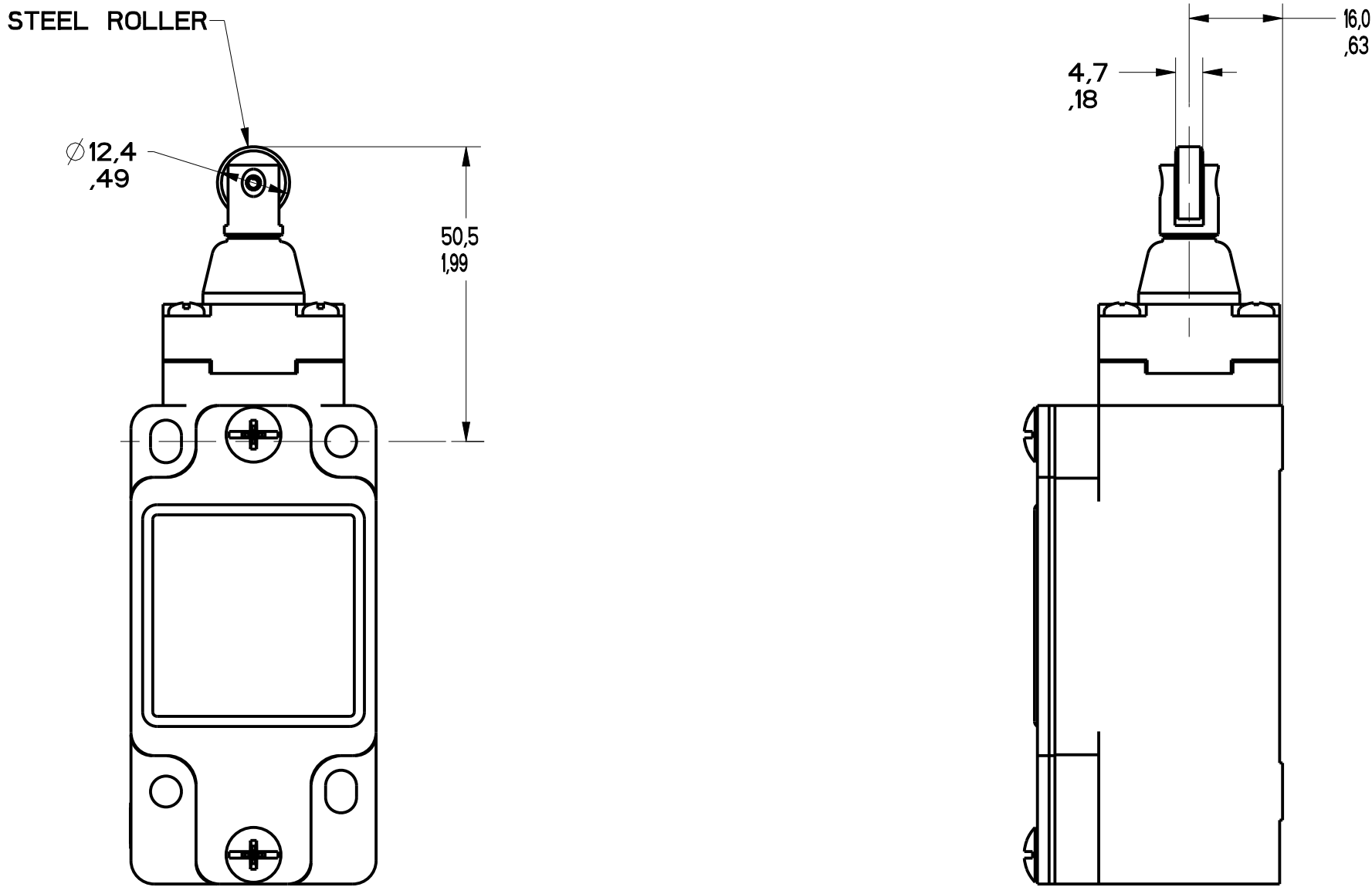


FIGURE 5 - TOP ROLLER PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

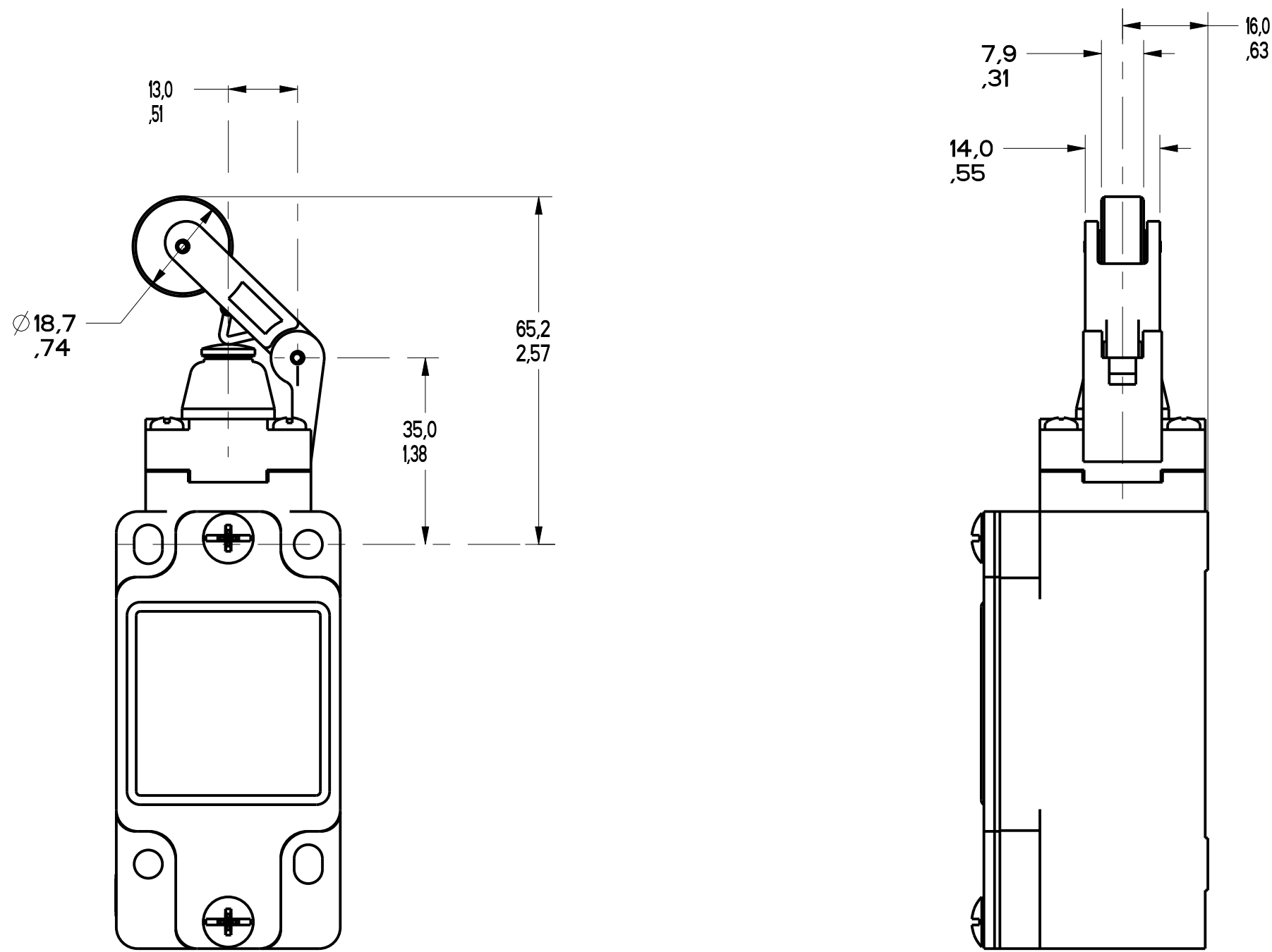


FIGURE 6 - TOP LEVER HEAD,
OTHERWISE REFER TO
FIGURE 1

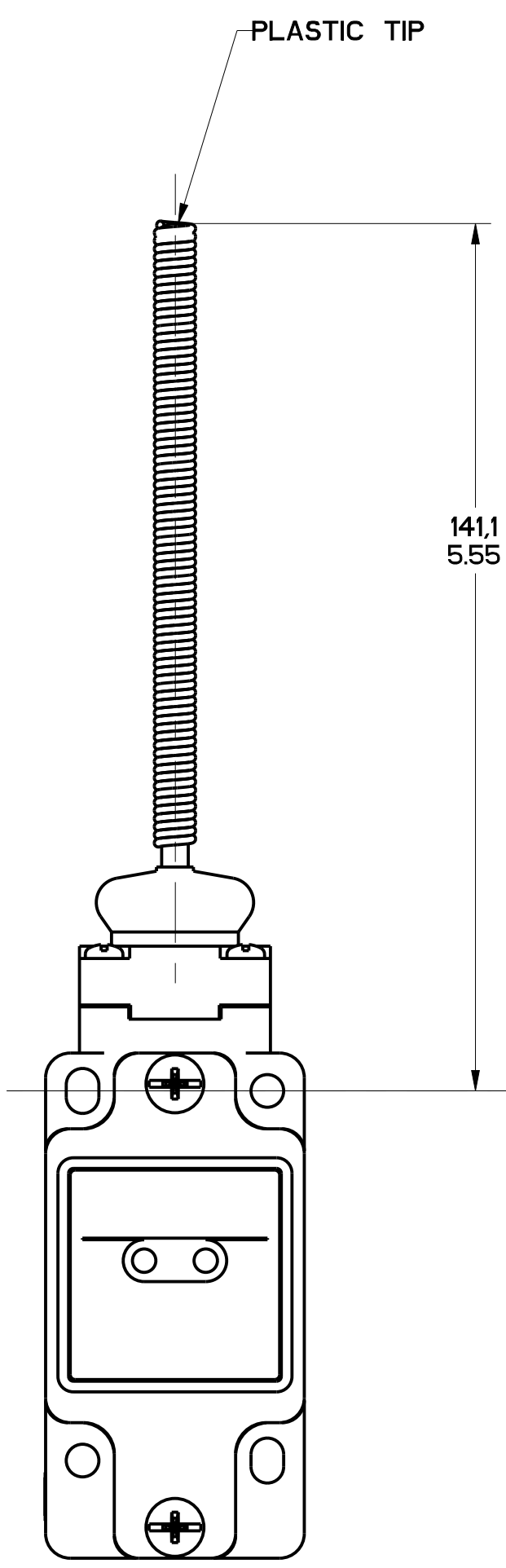


FIGURE 7 - WOBBLE HEAD, AND CAT WISKER HEAD COIL ACTUATOR, OTHERWISE REFER TO FIGURE 1

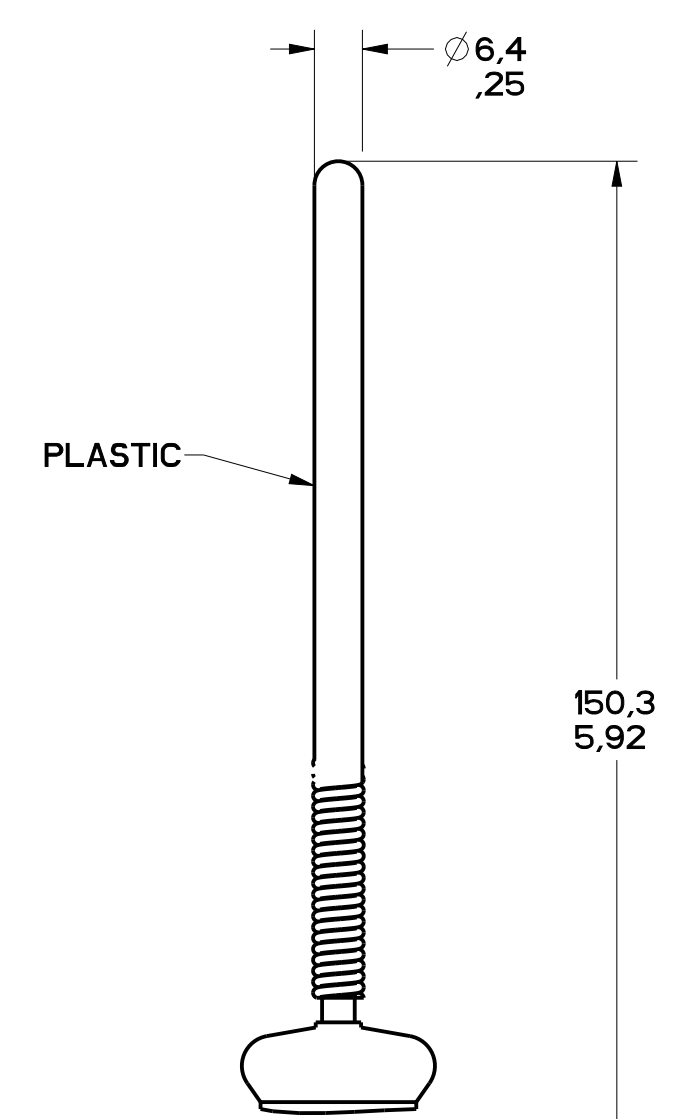


FIGURE 7A - WOBBLE HEAD, PLASTIC ACTUATOR, OTHERWISE SAME AS FIGURE 7

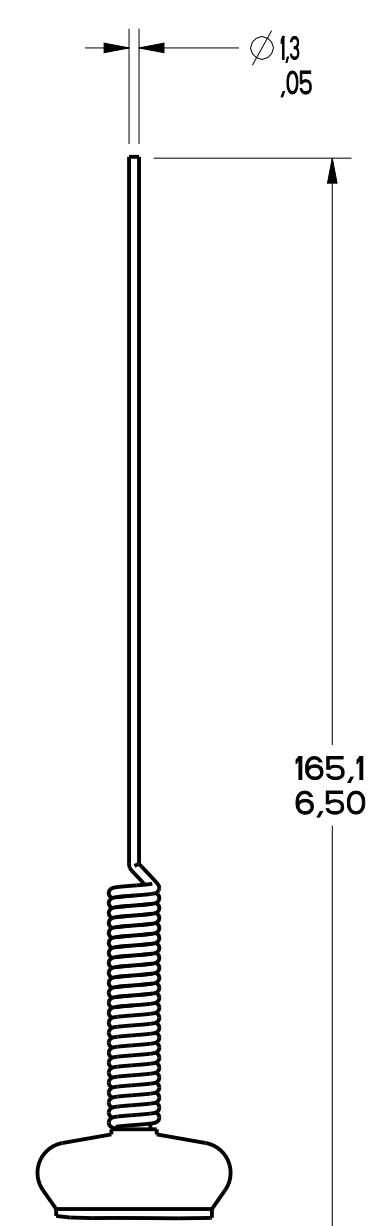


FIGURE 7B - WOBBLE HEAD, STAINLESS STEEL SPRING ACTUATOR, OTHERWISE SAME AS FIGURE 7

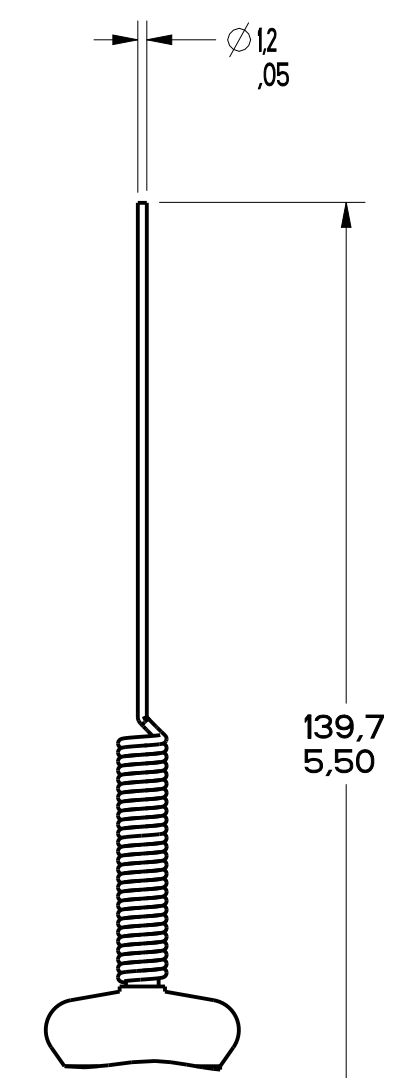


FIGURE 7C - CAT WHISKER ACTUATOR, STAINLESS STEEL SPRING, OTHERWISE SAME AS FIGURE 7

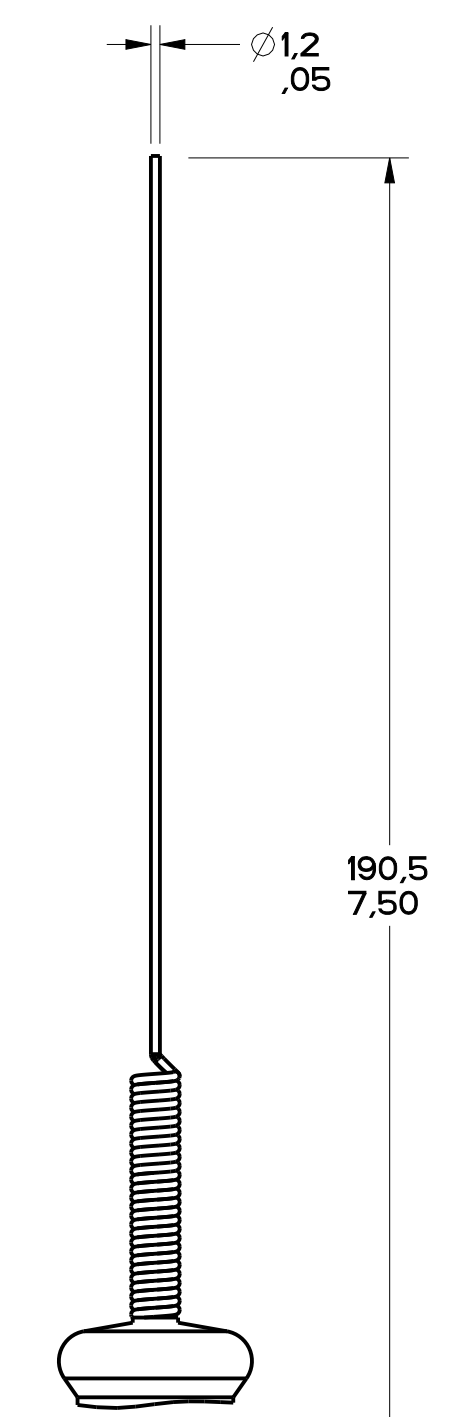


FIGURE 7D - CAT WHISKER ACTUATOR, STAINLESS STEEL SPRING, OTHERWISE SAME AS FIGURE 7

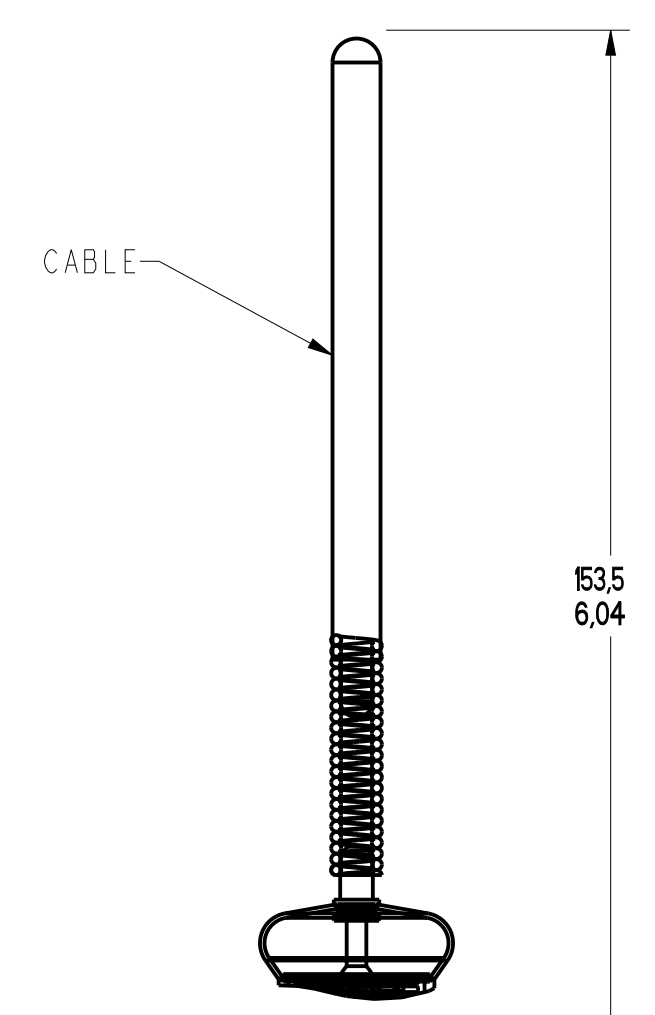


FIGURE 7E - CABLE WOBBLE ACTUATOR, OTHERWISE SAME AS FIGURE 7

REVISIONS	DATE	BY	CHKD	APP'D
1	00050401			
2	01 JUN 83			
3	00022886			
4	20 JAN 84			
5	0023759			
6	07 AUG 86			
7	03 JUL 86			
8	08 FEB 88			
9	04 APR 89			
10	10 OCT 90			
11	04 APR 95			
12	07 FEB 99			
13	03 JUL 99			
14	09 APR 10			
15	08 SEP 12			

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FED. MFG. CODE 91929		GL SERIES CHART 1	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	
DESIGN UNITS		WEIGHT	
SI METRIC		US CUSTOMARY	
NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES		TOL. DIM. FRACTIONS DECIMALS ANGLES	
X, XX X, XX X, XX X, XX ±2°		1/64 0.0156 0.156/106 ±2°	
X, XX X, XX X, XX X, XX ±2°		1/64 0.0156 0.156/106 ±2°	
X, XX X, XX X, XX X, XX ±2°		1/64 0.0156 0.156/106 ±2°	
X, XX X, XX X, XX X, XX ±2°		1/64 0.0156 0.156/106 ±2°	

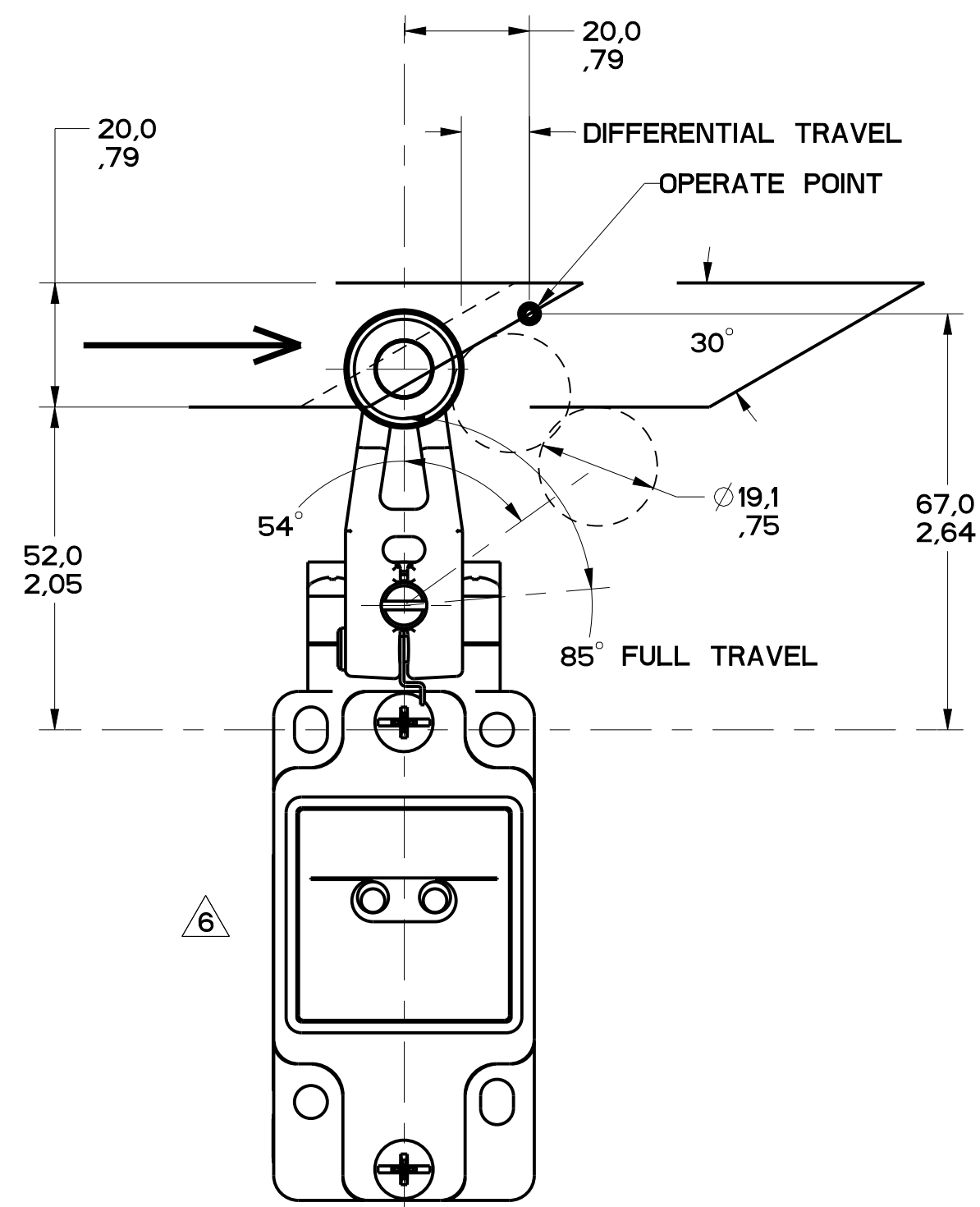


FIGURE 8

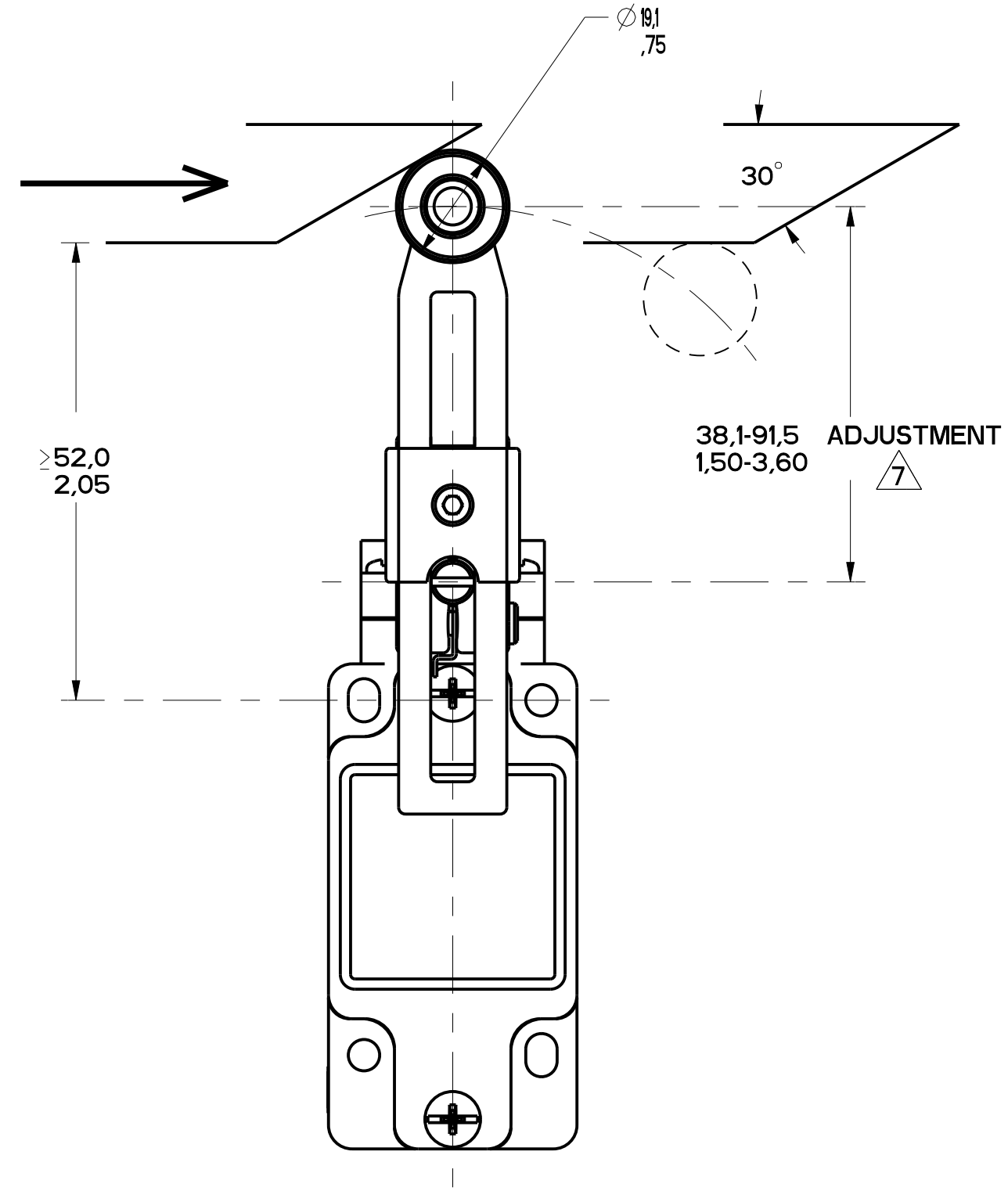


FIGURE 9

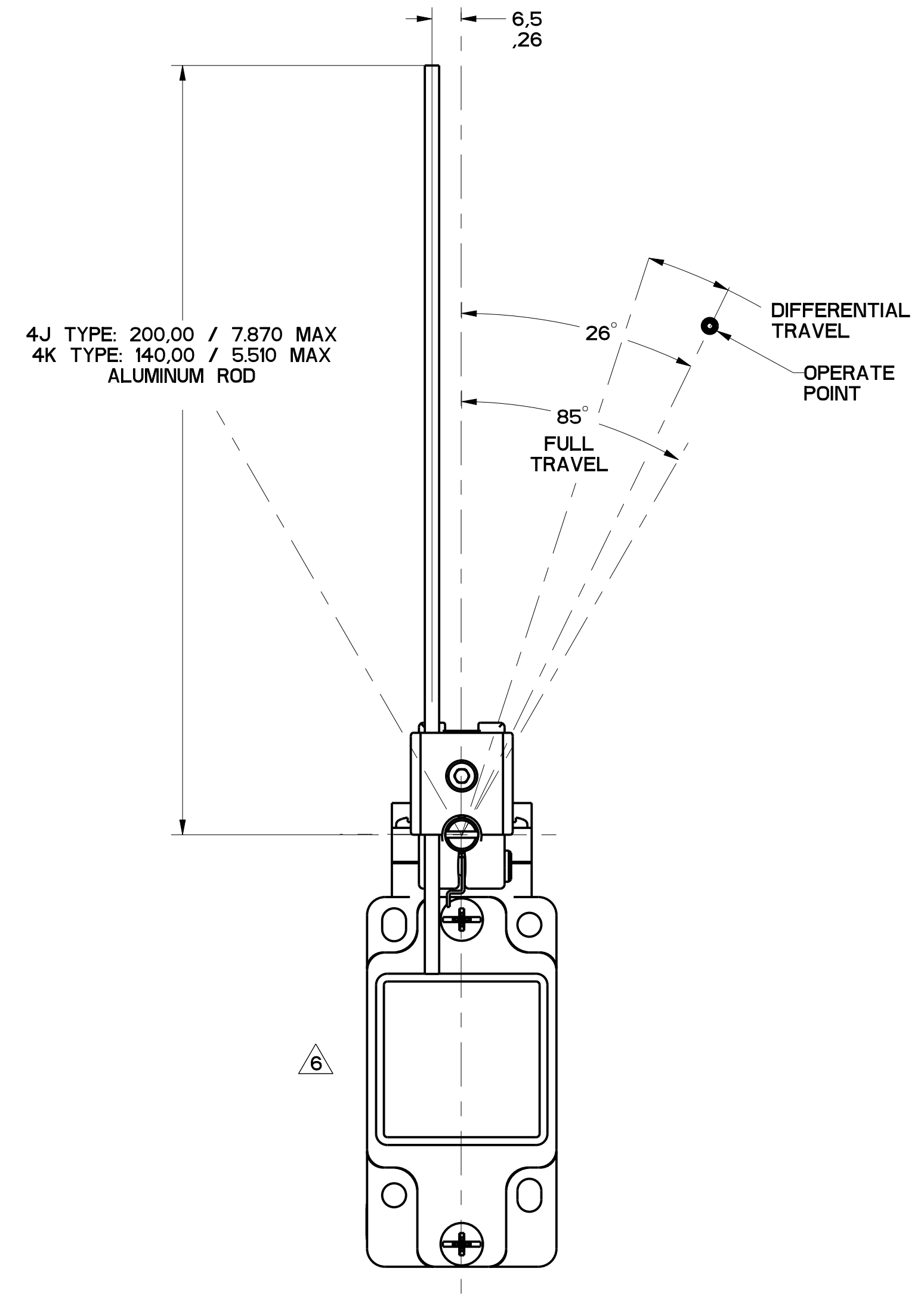


FIGURE 10

[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

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MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

GL SERIES CHART 1

THIRD ANGLE PROJECTION			
			
SCALE	1 : 1		
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE: $\pm$			
NO PLACES	DIM X	TOL mm	DIM X
ONE PLACE	X .1	0.1 / 0.016	1.6
TWO PLACES	X .01	0.01 / 0.001	0.016
THREE PLACES	X .001	0.001 / 0.0001	0.0016
ANGLES	$\pm 20''$		
SI METRIC		US CUSTOMARY	
DESIGN UNITS			
WEIGHT			

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 $\frac{N \cdot m}{LB \cdot IN}$	MAXIMUM DISCONNECT TORQUE $\frac{N \cdot m}{LB \cdot IN}$	MAX. OPERATE DEGREE/S	MIN. OPERATE DEGREE/S	MAX. OPERATE FREQUENCY OPS/MIN
GL**01A GL**07A	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 26° 55**° 85° 13-14 12° DIFFERENTIAL TRAVEL	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE 	 21-22 26**° 85° 13-14 38°	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 38**° 85° 13-14 26°	$\frac{.330}{2.9}$	$\frac{.400}{3.5}$	1290	13	250
GL**05A GL**35A	SLOW ACTING 	 13-14 38° 85° 23-24	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**06A GL**36A	SLOW ACTING 	 11-12 26**° 85° 21-22	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 26° 55**° 85° 13-14, 23-24 12° DIFFERENTIAL TRAVEL	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**21A GL**25A GL**28A GL**31A	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 11-12 27 42 13-14 8 DIFFERENTIAL TRAVEL 21-22 8 DIFFERENTIAL TRAVEL 23-24	$\frac{.330}{2.9}$	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 $\frac{N}{LB}$	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**01A GL**07A	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 0 20 56** 13-14 12 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE 	 21-22 0 20** 13-14 32	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 0 32 13-14 20	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**05A GL**35A	SLOW ACTING 	 13-14 0 32° 85° 23-24	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**06A GL**36A	SLOW ACTING 	 11-12 0 20** 21-22	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 0 20 56** 13-14, 23-24 12 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	$\frac{11.8}{2.7}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**21A GL**25A GL**28A GL**31A	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 11-12 0 20 38.5 13-14 8.5 DIFFERENTIAL TRAVEL 21-22 7 DIFFERENTIAL TRAVEL 23-24	$\frac{9.7}{2.2}$	N/A	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**26J GL**27J GL**29J GL**30J	CCW CW SNAP ACTION CONTACTS DOUBLE POLE CENTER NEUTRAL 	 11-12 0 16 13-14 8 DIFFERENTIAL TRAVEL 21-22 8 DIFFERENTIAL TRAVEL 23-24	$\frac{9.7}{2.2}$	N/A	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250

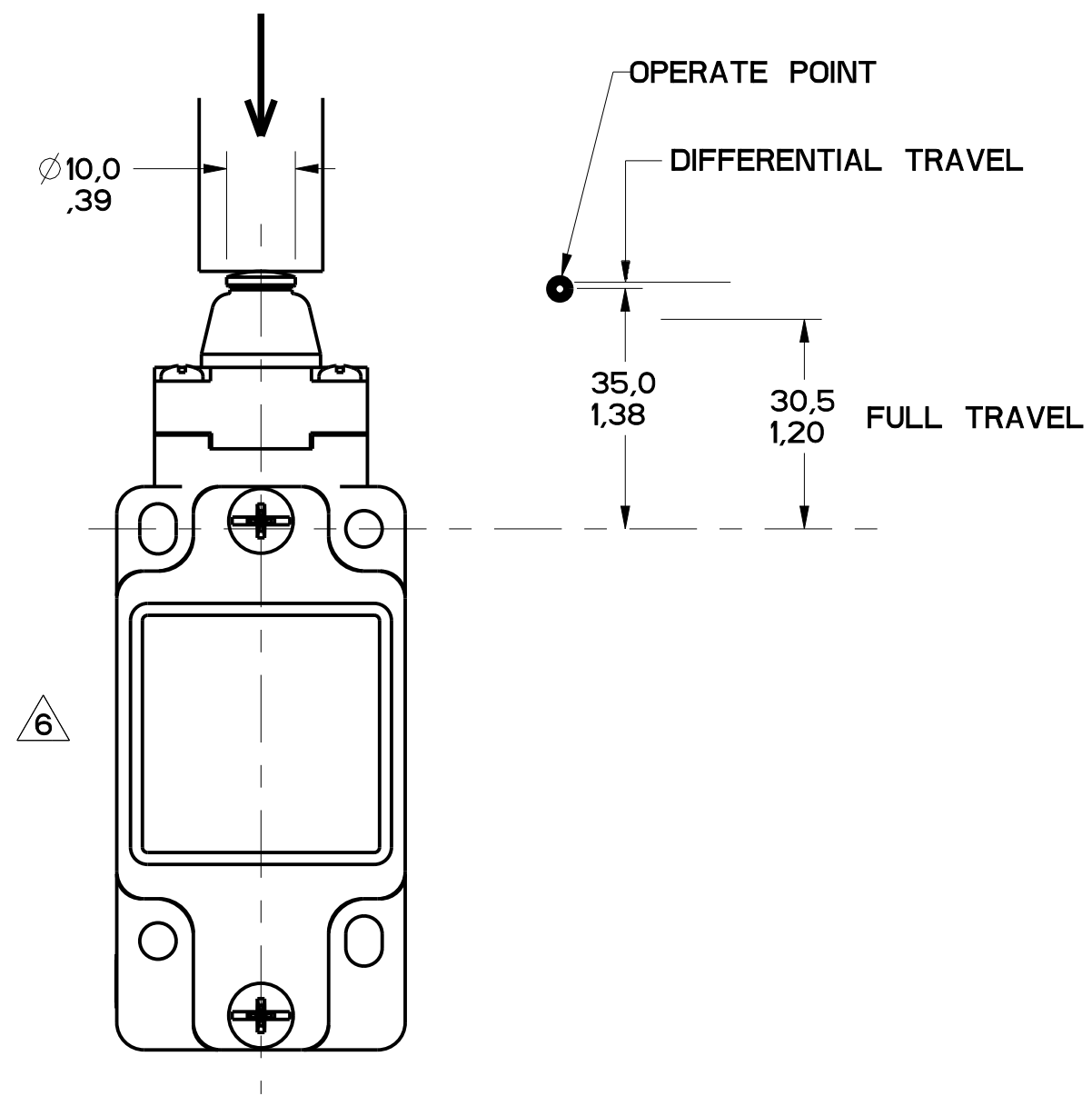


FIGURE 11

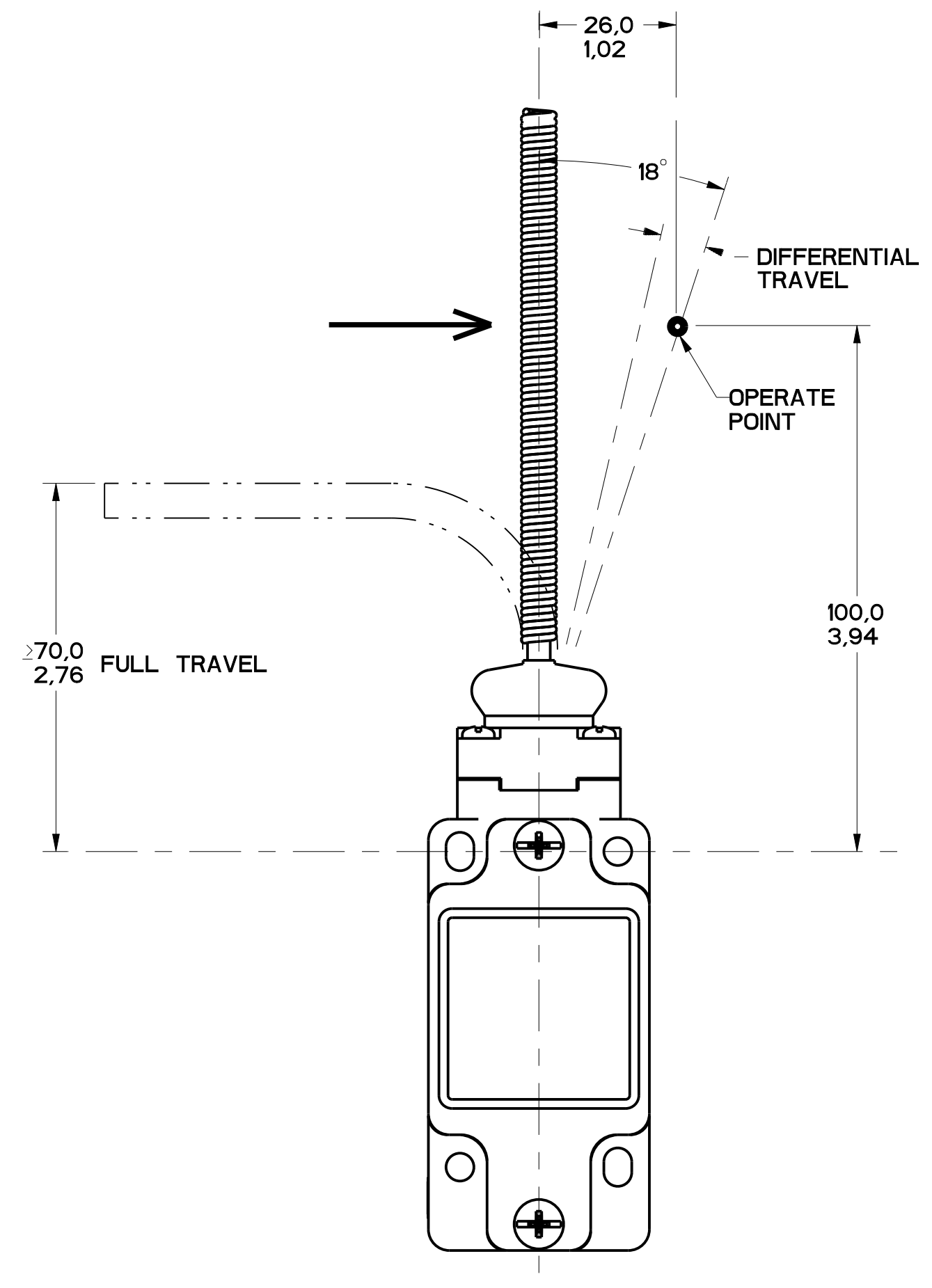


FIGURE 12

[illegible]

REVISIONS		GLH 26AUG93	CHECK CMH	05OCT10
F	0000401			
	GLH 2 JUN 03			
G	0002986			
	RS 20 JAN 04			
H	00032759			
	RKP 07AUG06			
J	0003216			
	BS 08FEB08			
K	0043629			
	SS 12SEP08			
L	0048605			
	YKS 09FEB09			
M	0070059			
	DN 05OCT10			
N	0094570			
	SBH 12OCT12			

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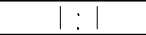
MICRO SWITCH
a Honeywell Division

FED. MFG. CODE 91929

CATALOG LISTING

GL SERIES CHART 1

SWITCH, ENCLOSED

THIRD ANGLE PROJECTION			
			
SCALE : 			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS, CONVERSIONS ARE ONLY FOR REFERENCE - UNLESS NOTED, TOLERANCES ARE :			
DIM	TOL	DIM	TOL
mm	mm	mm	mm
NO PLACES	± 1/16	1.1	0.01-0.03
ONE PLACE	0.01, 0.016	1.2	0.38/0.015
TWO PLACES	0.15/0.005	1.3	0.001
THREE PLACES		1.4	0.13/0.005
FOUR PLACES			
$\pm 2^\circ$			
SI METRIC		US CUSTOMARY	
DESIGN UNITS 		US CUSTOMARY 	
WEIGHT			

ANSI Y14.5M-1982 APPLIES

FIGURE 12, WOBBLE HEAD, ANGULAR ACTUATION

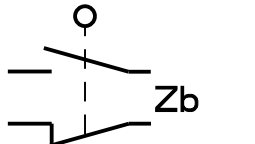
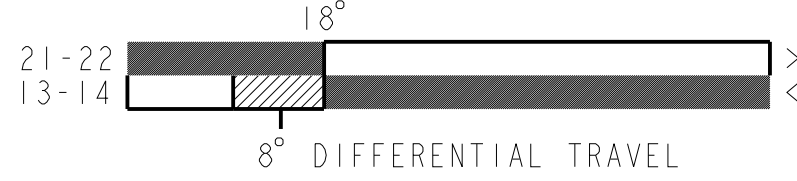
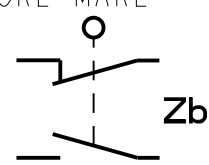
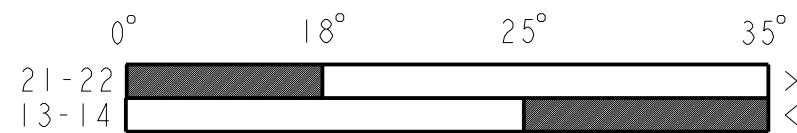
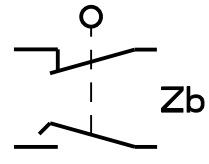
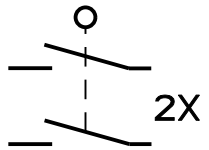
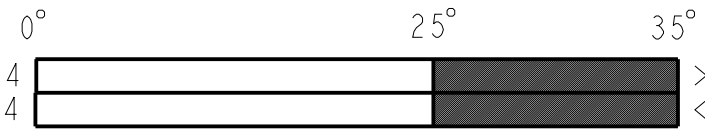
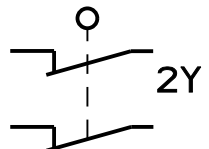
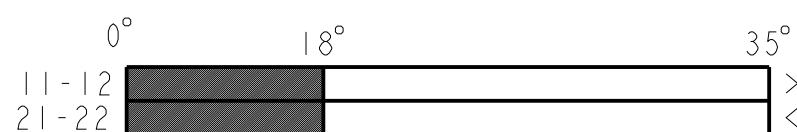
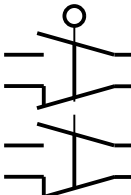
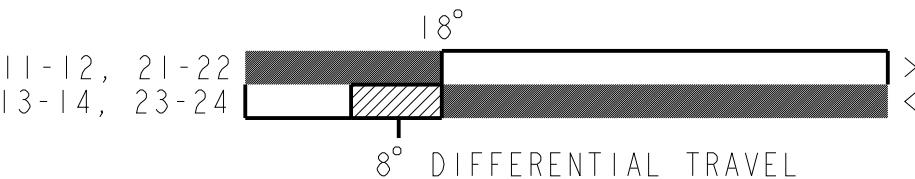
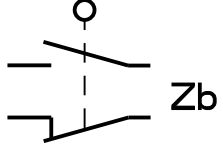
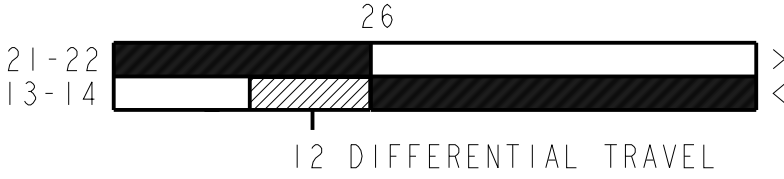
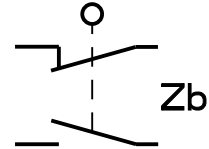
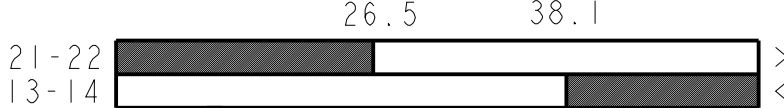
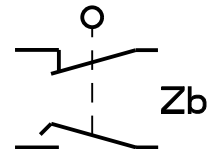
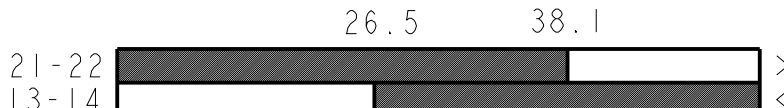
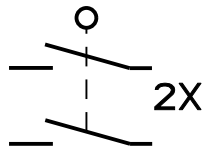
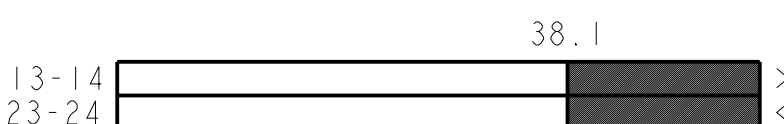
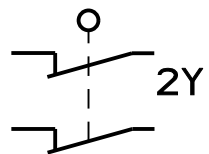
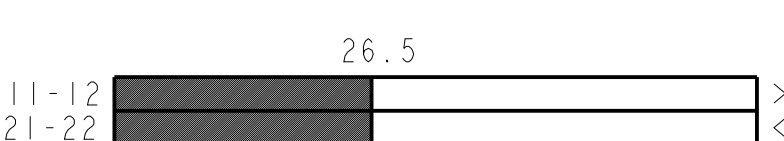
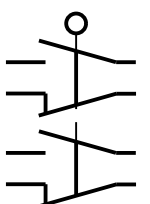
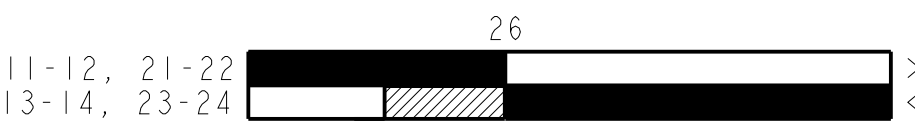
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING TORQUE $\frac{0.2}{1.8} \frac{N \cdot m}{LB \cdot in}$	MAXIMUM DISCONNECT TORQUE $\frac{N \cdot m}{LB \cdot in}$	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**01E GL**07E	SNAP - ACTION CONTACTS SINGLE POLE 	 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**03E GL**33E	SLOW ACTING BREAK BEFORE MAKE 	 0° 18° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 	 0° 18° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**05E GL**35E	SLOW ACTING 	 0° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**06E GL**36E	SLOW ACTING 	 0° 18° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**20E GL**22E GL**24E GL**32E	SNAP ACTION CONTACTS DOUBLE POLE 	 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	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 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**01E GL**07E	SNAP - ACTION CONTACTS SINGLE POLE 	 12 DIFFERENTIAL TRAVEL	$\frac{2.5}{0.6}$	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:			
DIM.		TOL.	
mm		mm/10	

	NO PLACES	ONE PLACE	TWO PLACES
NO PLACES	X	X,X	X,XX
ONE PLACE	X,X	X,XX	X,XXX
TWO PLACES	X,XX	X,XXX	X,XXXX

±2°

DESIGN UNITS	☒	US CUSTOMARY	☐
--------------	-------------------------------------	--------------	--------------------------

WEIGHT	
--------	--

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FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

GL SERIES CHART 1

ANSI Y14.5M-1982 APPLIES

WEIGHT	
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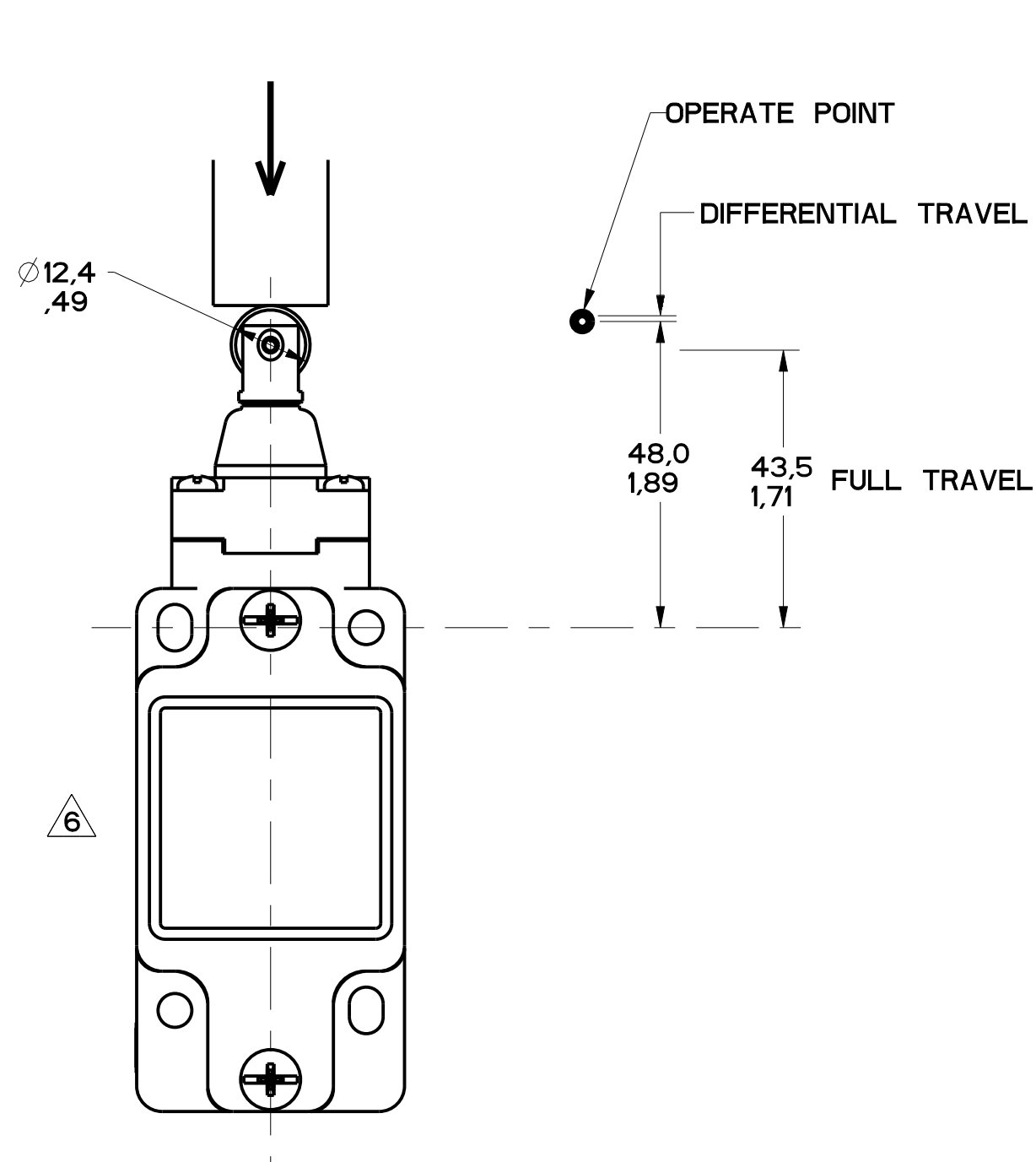


FIGURE 13A

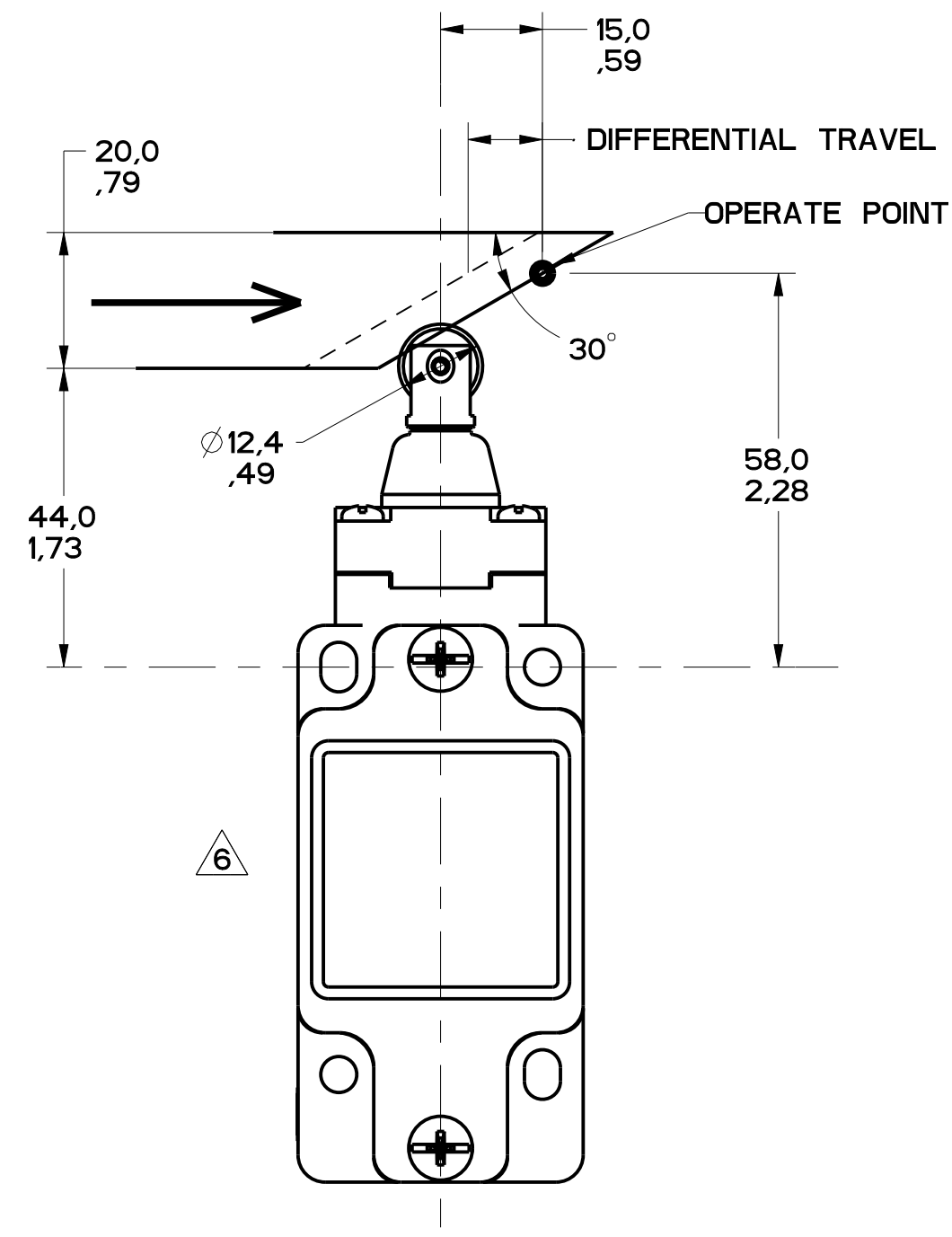
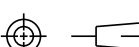


FIGURE 13B

MGL SERIES CHART 1			
DRAWING NUMBER		PAGE	8 OF 13
16		RELEASE NO.	PR-20782
ISSUE	CMH	12OCT12	REPLACES
REVISIONS			
A	0005047		
B	01		
C	0007986		
D	0046064		
E	0023759		
F	0741606		
G	0037216		
H	0018008		
I	0043629		
J	0055008		
K	0048605		
L	0071800		
M	0070059		
N	0001110		
O	0094510		
P	0012012		
DRAWN			
PTC/CAD	W.L.S.	20APR83	check

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

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		TOL	
mm		in	
NO PLACES		1:12.04	0.0015
ONE PLACE	X	0.01016	0.0005
TWO PLACES	X.X	0.00127	0.0002
THREE PLACES	X.XX	0.000254	0.0001
ANGLES		± 2°	
SI METRIC		US CUSTOMARY	
☒		☐	
DESIGN UNITS			
WEIGHT			

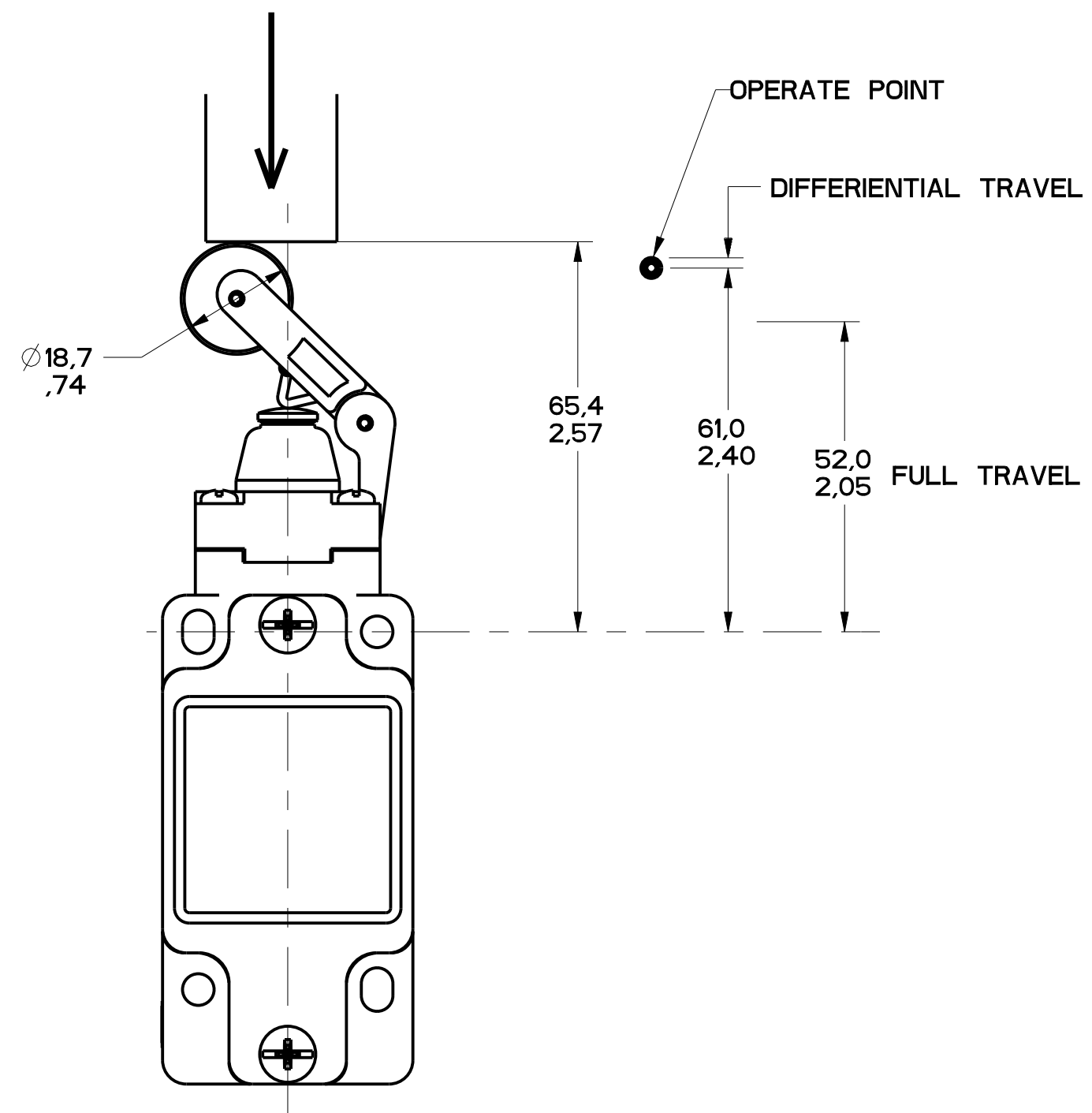


FIGURE 14A

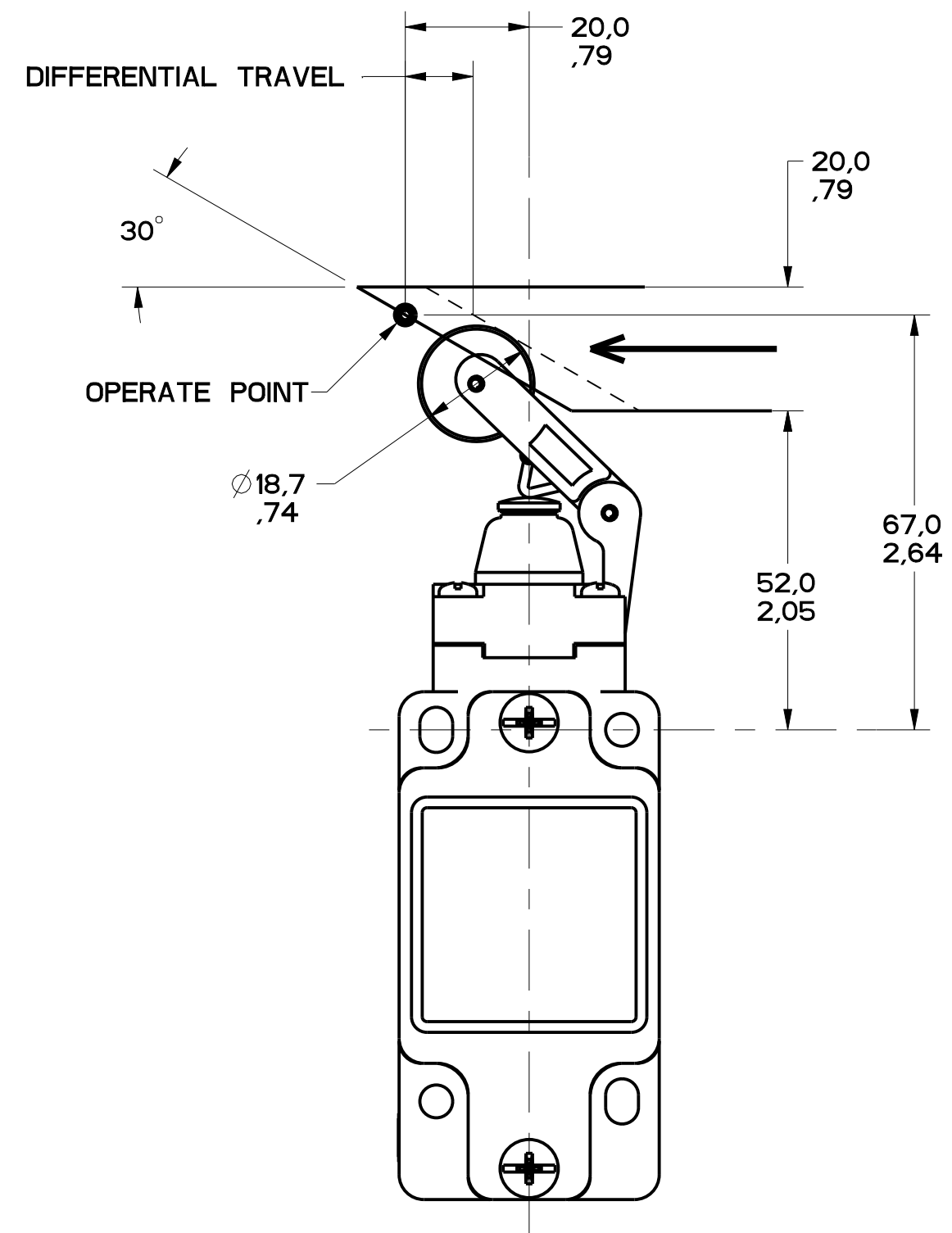


FIGURE 14B

[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.		DIM. mm NO PLACES X 1.14 ONE PLACE X X 0.41/0.06 TWO PLACES X X 0.15/0.006 THREE PLACES X X ANGLES $\pm 0^\circ$		DIM. inch TOL. mm 1.14 0.41/0.06 0.15/0.006 1.14 0.137/0.005	
FED. MFG. CODE 91929		CATALOG LISTING		DIM. mm TOL. mm 1.14 0.41/0.06 0.15/0.006 1.14 0.137/0.005	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 1	
				SI METRIC ☒ US CUSTOMARY ☐	
				DESIGN UNITS ☒	
				WEIGHT ☐	

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 LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S IN/S	MIN OPERATE VEL M/S IN/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01D GL**07D	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**03D GL**33D	SLOW ACTING BREAK BEFORE MAKE 		$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**04D GL**34D	SLOW ACTING MAKE BEFORE BREAK 		$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**05D GL**35D	SLOW ACTING 		$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**06D GL**36D	SLOW ACTING 		$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 		$\frac{9.5}{2.1}$	$\frac{16.4}{3.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**21D GL**25D GL**28D GL**31D	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 		$\frac{9.5}{2.1}$	N/A	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	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 LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S IN/S	MIN OPERATE VEL M/S IN/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01D GL**07D	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**03D GL**33D	SLOW ACTING BREAK BEFORE MAKE 		$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**04D GL**34D	SLOW ACTING MAKE BEFORE BREAK 		$\frac{5.5}{1.2}$	$\frac{9.6}{2.2}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**05D GL**35D	SLOW ACTING 		$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**06D GL**36D	SLOW ACTING 		$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 		$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**21D GL**25D GL**28D GL**31D	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 		$\frac{5.5}{1.2}$	N/A	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250

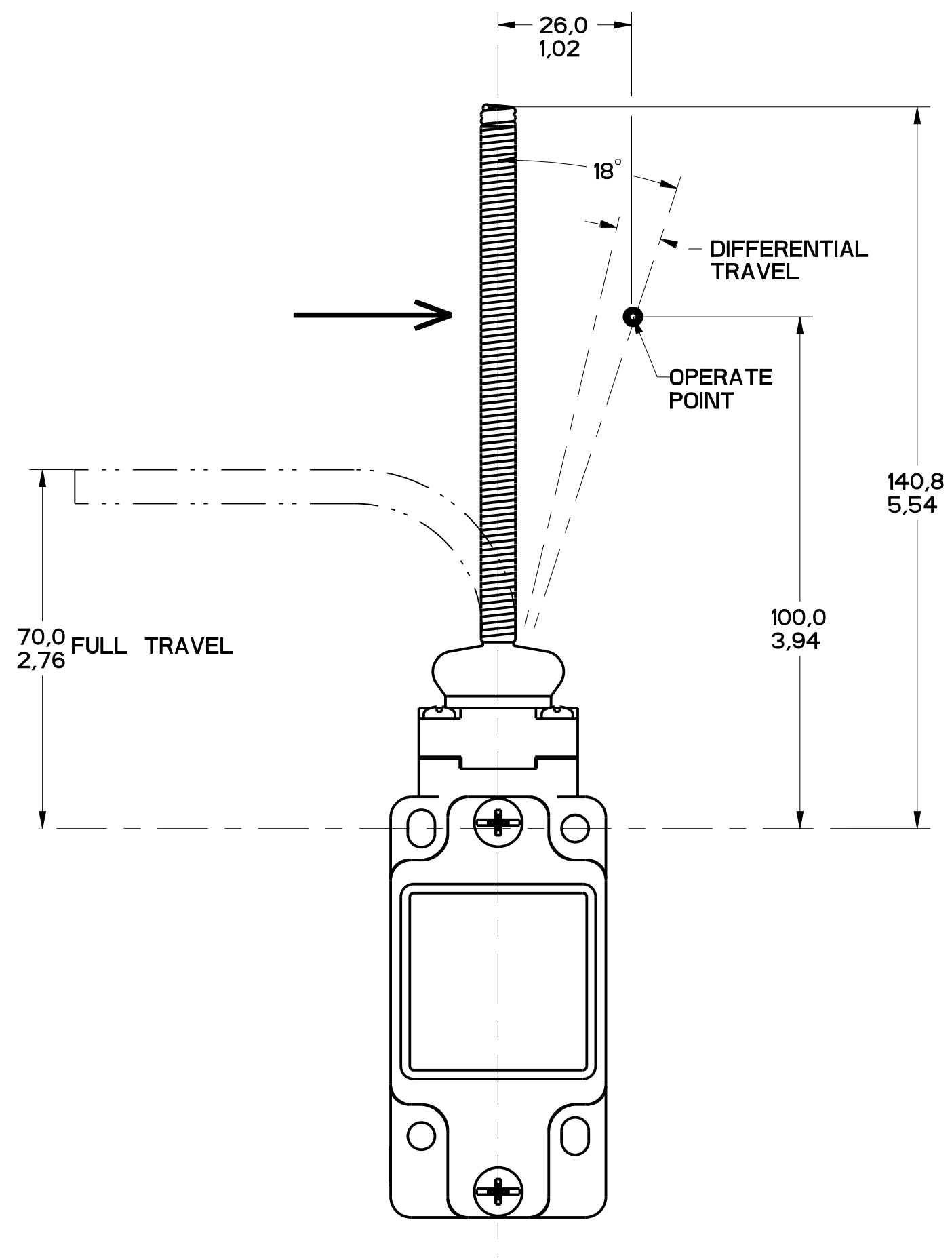


FIGURE 15

[illegible]

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FED. MFG. CODE 91929		CATALOG LISTING			
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED			
		GL SERIES CHART 1			
		NO PLACES 3 ONE PLACE 3 X X TWO PLACES 3 XX THREE PLACES ANGLES $\pm .0005$ $\pm .001$		DIM INCHES TOL MILLI METERS 1/8 .004 1/4 .006 3/8 .006 1/2 .006 3/4 .006 1 .006 1 1/4 .006 1 1/2 .006 2 .006 2 1/2 .006 3 .006 3 1/2 .006 4 .006 4 1/2 .006 5 .006 5 1/2 .006 6 .006 6 1/2 .006 7 .006 7 1/2 .006 8 .006 8 1/2 .006 9 .006 9 1/2 .006 10 .006 10 1/2 .006 11 .006 11 1/2 .006 12 .006 12 1/2 .006 13 .006 13 1/2 .006 14 .006 14 1/2 .006 15 .006 15 1/2 .006 16 .006 16 1/2 .006 17 .006 17 1/2 .006 18 .006 18 1/2 .006 19 .006 19 1/2 .006 20 .006 20 1/2 .006 21 .006 21 1/2 .006 22 .006 22 1/2 .006 23 .006 23 1/2 .006 24 .006 24 1/2 .006 25 .006 25 1/2 .006 26 .006 26 1/2 .006 27 .006 27 1/2 .006 28 .006 28 1/2 .006 29 .006 29 1/2 .006 30 .006 30 1/2 .006 31 .006 31 1/2 .006 32 .006 32 1/2 .006 33 .006 33 1/2 .006 34 .006 34 1/2 .006 35 .006 35 1/2 .006 36 .006 36 1/2 .006 37 .006 37 1/2 .006 38 .006 38 1/2 .006 39 .006 39 1/2 .006 40 .006 40 1/2 .006 41 .006 41 1/2 .006 42 .006 42 1/2 .006 43 .006 43 1/2 .006 44 .006 44 1/2 .006 45 .006 45 1/2 .006 46 .006 46 1/2 .006 47 .006 47 1/2 .006 48 .006 48 1/2 .006 49 .006 49 1/2 .006 50 .006 50 1/2 .006 51 .006 51 1/2 .006 52 .006 52 1/2 .006 53 .006 53 1/2 .006 54 .006 54 1/2 .006 55 .006 55 1/2 .006 56 .006 56 1/2 .006 57 .006 57 1/2 .006 58 .006 58 1/2 .006 59 .006 59 1/2 .006 60 .006 60 1/2 .006 61 .006 61 1/2 .006 62 .006 62 1/2 .006 63 .006 63 1/2 .006 64 .006 64 1/2 .006 65 .006 65 1/2 .006 66 .006 66 1/2 .006 67 .006 67 1/2 .006 68 .006 68 1/2 .006 69 .006 69 1/2 .006 70 .006 70 1/2 .006 71 .006 71 1/2 .006 72 .006 72 1/2 .006 73 .006 73 1/2 .006 74 .006 74 1/2 .006 75 .006 75 1/2 .006 76 .006 76 1/2 .006 77 .006 77 1/2 .006 78 .006 78 1/2 .006 79 .006 79 1/2 .006 80 .006 80 1/2 .006 81 .006 81 1/2 .006 82 .006 82 1/2 .006 83 .006 83 1/2 .006 84 .006 84 1/2 .006 85 .006 85 1/2 .006 86 .006 86 1/2 .006 87 .006 87 1/2 .006 88 .006 88 1/2 .006 89 .006 89 1/2 .006 90 .006 90 1/2 .006 91 .006 91 1/2 .006 92 .006 92 1/2 .006 93 .006 93 1/2 .006 94 .006 94 1/2 .006 95 .006 95 1/2 .006 96 .006 96 1/2 .006 97 .006 97 1/2 .006 98 .006 98 1/2 .006 99 .006 99 1/2 .006 100 .006 100 1/2 .006 101 .006 101 1/2 .006 102 .006 102 1/2 .006 103 .006 103 1/2 .006 104 .006 104 1/2 .006 105 .006 105 1/2 .006 106 .006 106 1/2 .006 107 .006 107 1/2 .006 108 .006 108 1/2 .006 109 .006 109 1/2 .006 110 .006 110 1/2 .006 111 .006 111 1/2 .006 112 .006 112 1/2 .006 113 .006 113 1/2 .006 114 .006 114 1/2 .006 115 .006 115 1/2 .006 116 .006 116 1/2 .006 117 .006 117 1/2 .006 118 .006 118 1/2 .006 119 .006 119 1/2 .006 120 .006 120 1/2 .006 121 .006 121 1/2 .006 122 .006 122 1/2 .006 123 .006 123 1/2 .006 124 .006 124 1/2 .006 125 .006 125 1/2 .006 126 .006 126 1/2 .006 127 .006 127 1/2 .006 128 .006 128 1/2 .006 129 .006 129 1/2 .006 130 .006 130 1/2 .006 131 .006 131 1/2 .006 132 .006 132 1/2 .006 133 .006 133 1/2 .006 134 .006 134 1/2 .006 135 .006 135 1/2 .006 136 .006 136 1/2 .006 137 .006 137 1/2 .006 138 .006 138 1/2 .006 139 .006 139 1/2 .006 140 .006 140 1/2 .006 141 .006 141	

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

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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Email: org@lifeelectronics.ru

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