

SIDE ROTARY

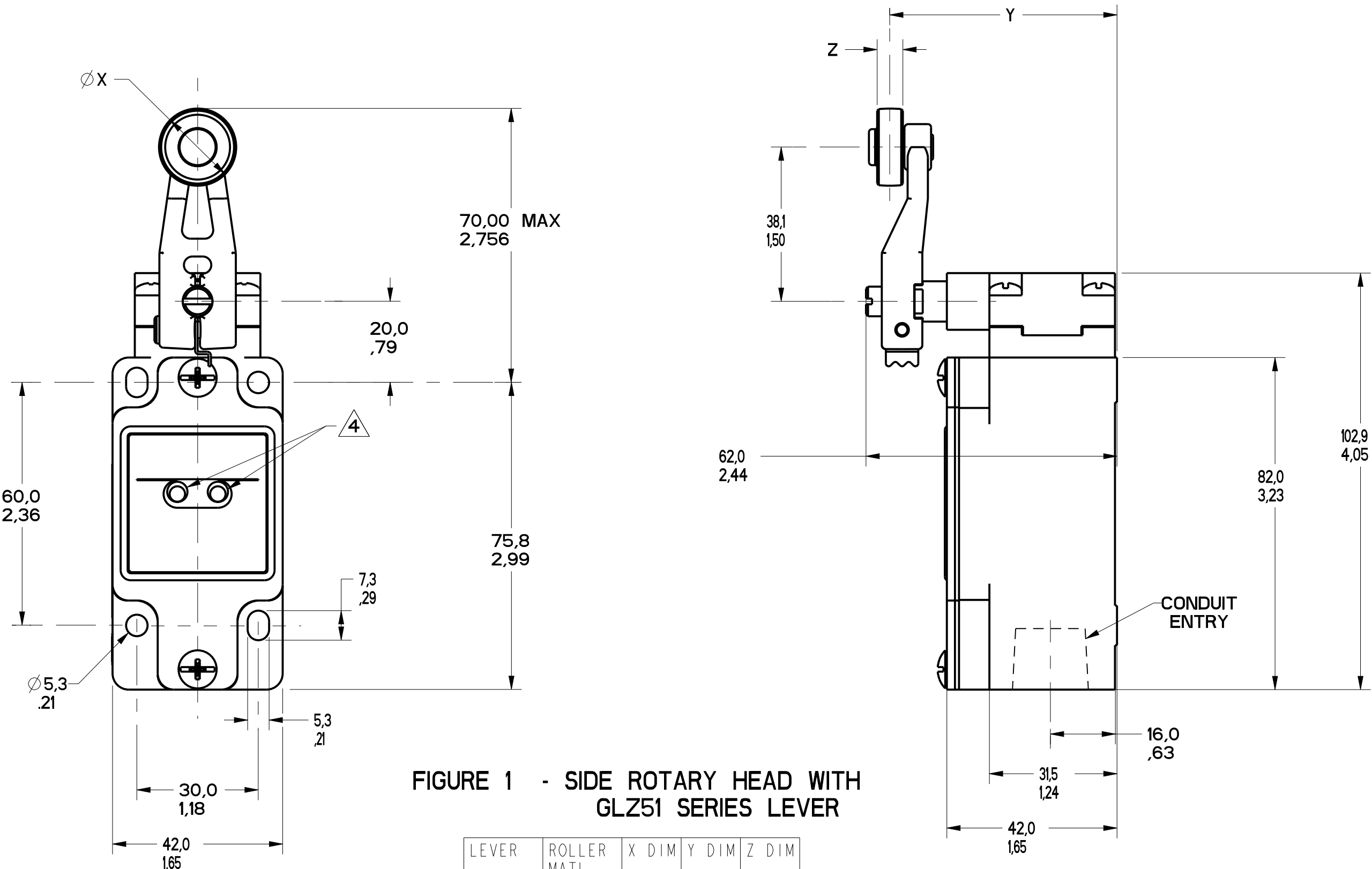


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

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

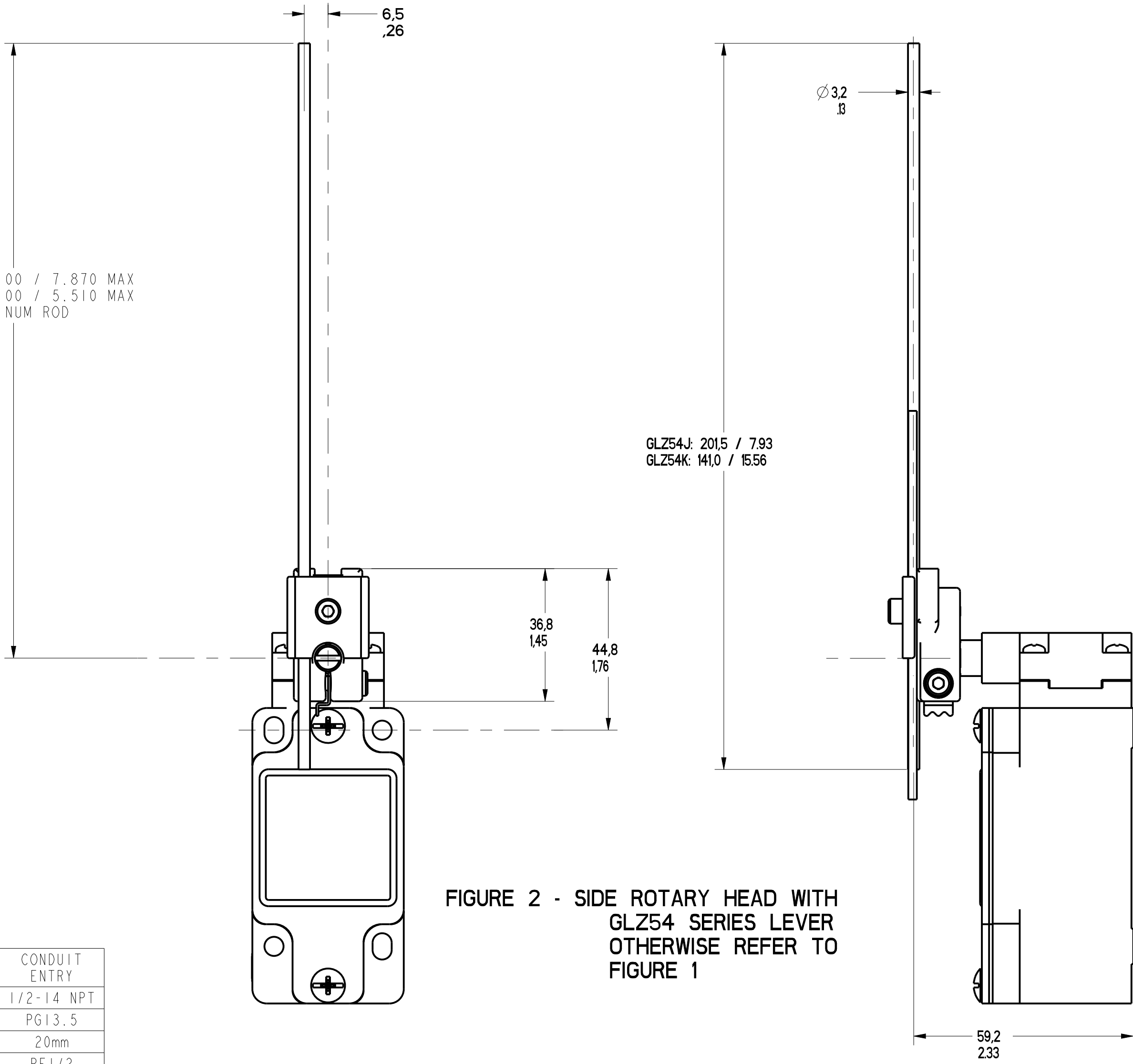


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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				GOLD PLATED CONTACTS
AC		DC		
A600 U _e	AC15 I _e	Q300 U _e	DC13 I _e	
(VOLTS)	(AMPS)	(VOLTS)	(AMPS)	1V 10µA MIN 50V 100mA MAX
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*	1	8	8
GL***A2*	1	3	9
GL***A4*	1	2	10
GL***A5*	1		8
GL***B	1	4	11
GL***C	1	5	13A, 13B
GL***D	1	6	14A, 14B
GL***E7A	1	7A	12
GL***E7B	1	7	12
GL***E7C	1	7E	15
GL***E7D	1	7B	12
GL***K8A	1	7C	15
GL***K8B	1	7D	15
GL***K8C	1	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 0.0154 0.151, .006 ±.2	US CUSTOMARY INCHES X X.X X.XX ±.005 ±.01 ±.015, .005
DESIGN UNITS			
WEIGHT			

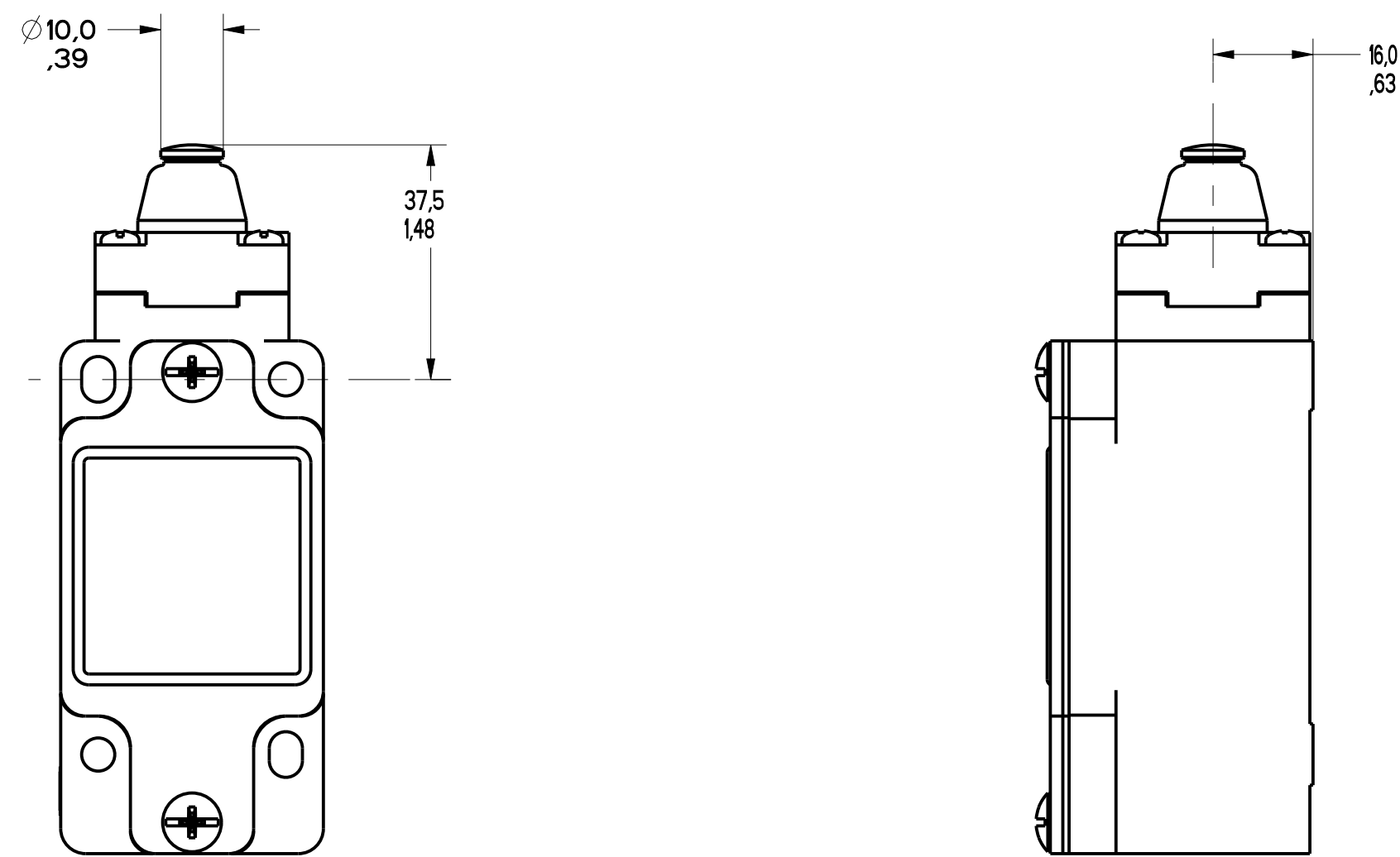


FIGURE 4 - TOP PIN PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

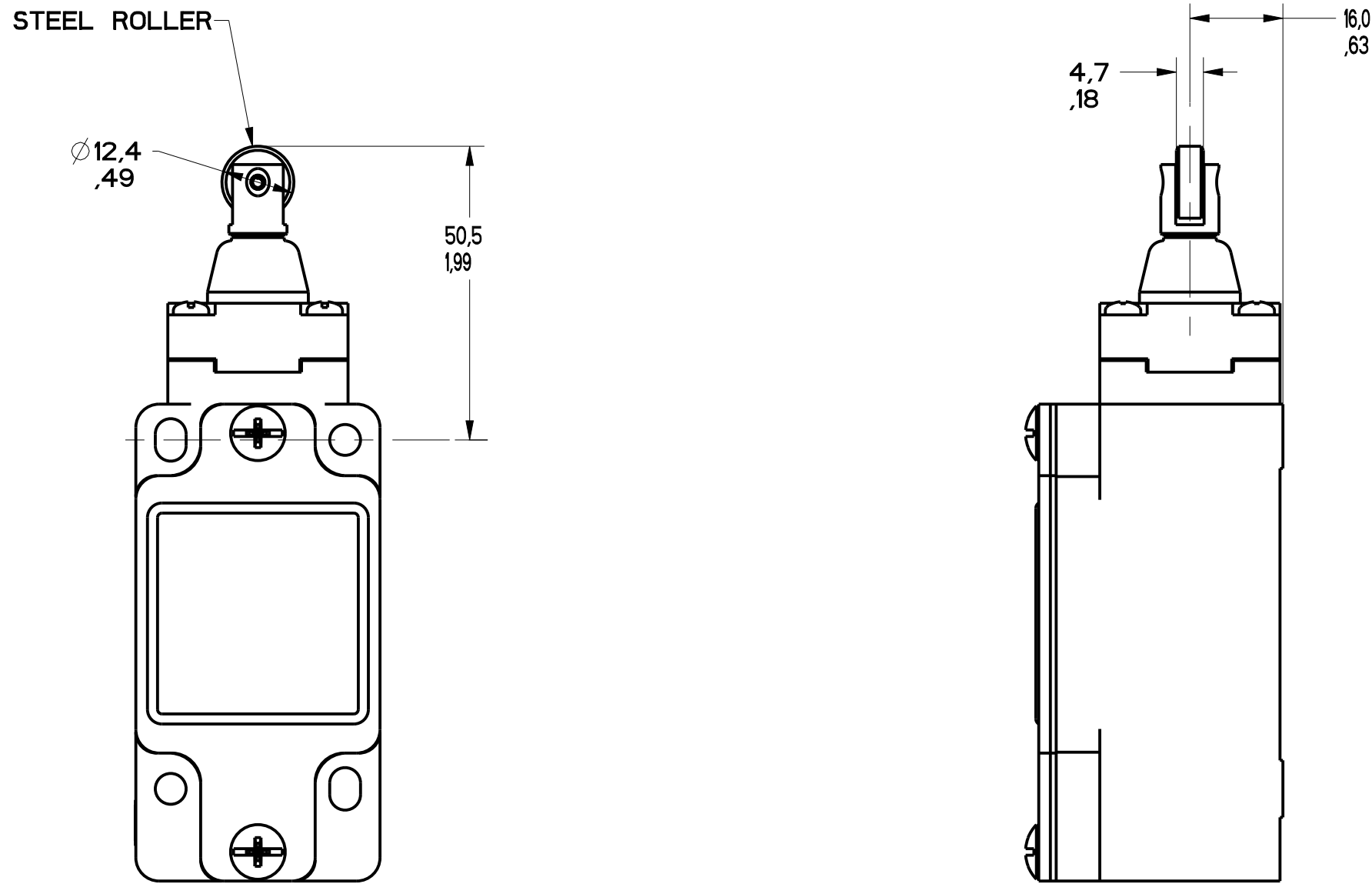


FIGURE 5 - TOP ROLLER PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

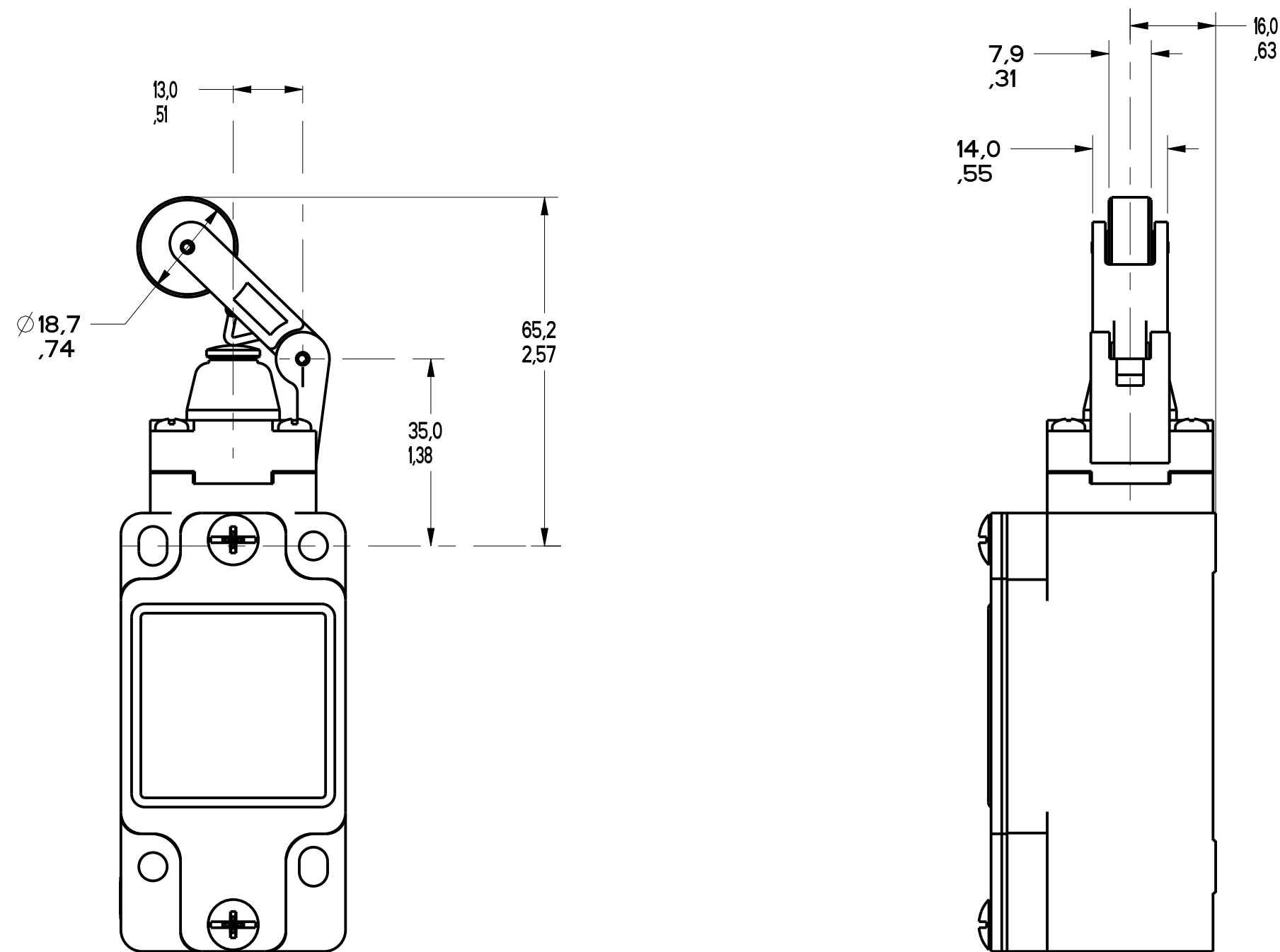


FIGURE 6 - TOP LEVER HEAD,
OTHERWISE REFER TO
FIGURE 1

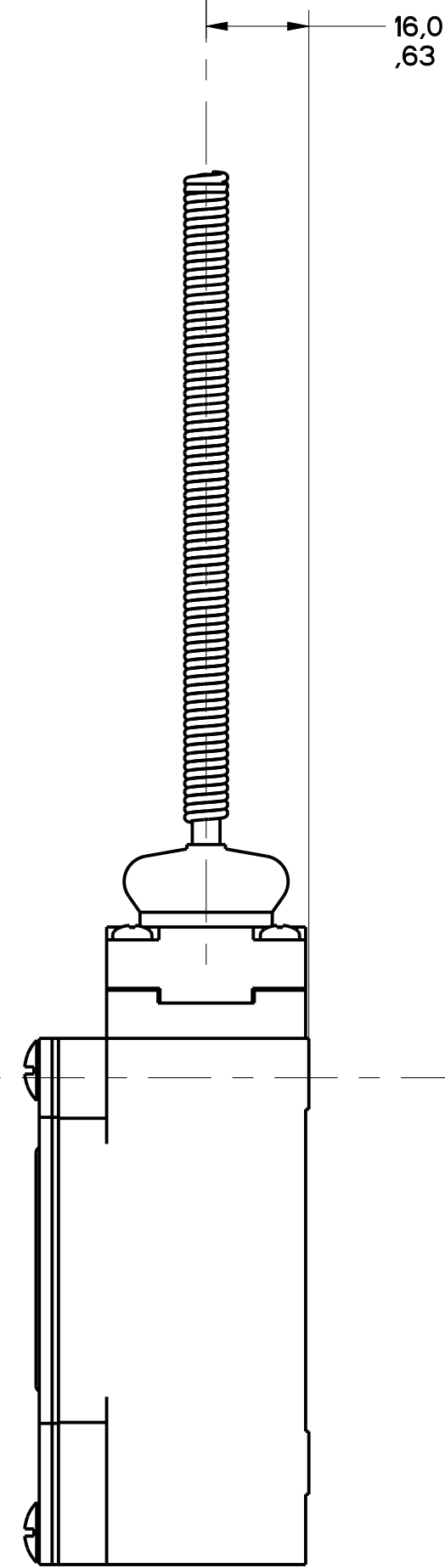


FIGURE 7A -
WOBBLE HEAD,
PLASTIC ACTUATOR,
OTHERWISE SAME AS FIGURE 7

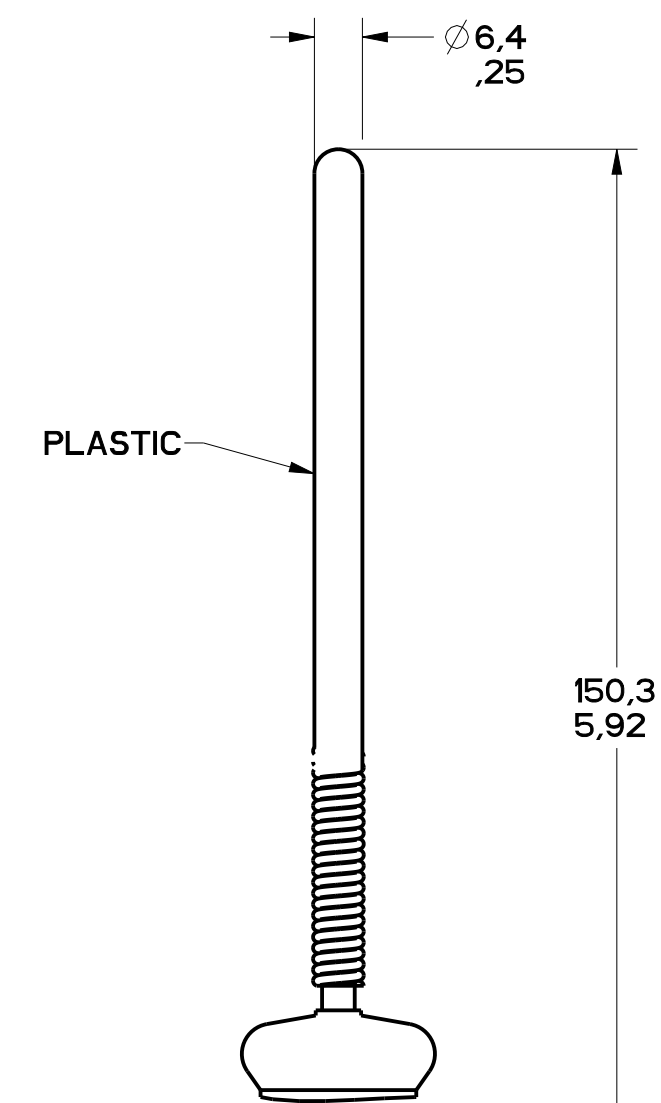


FIGURE 7A -
WOBBLE HEAD,
PLASTIC ACTUATOR,
OTHERWISE SAME AS FIGURE 7

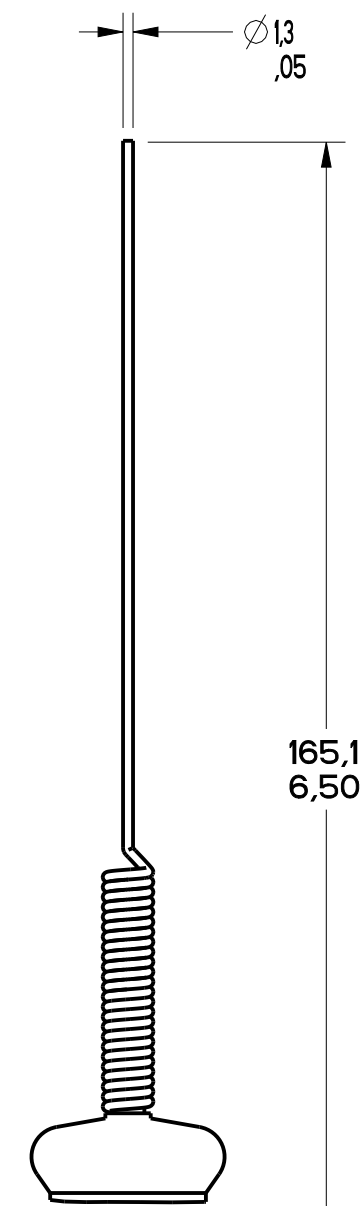


FIGURE 7C -

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



FIGURE 7C -

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

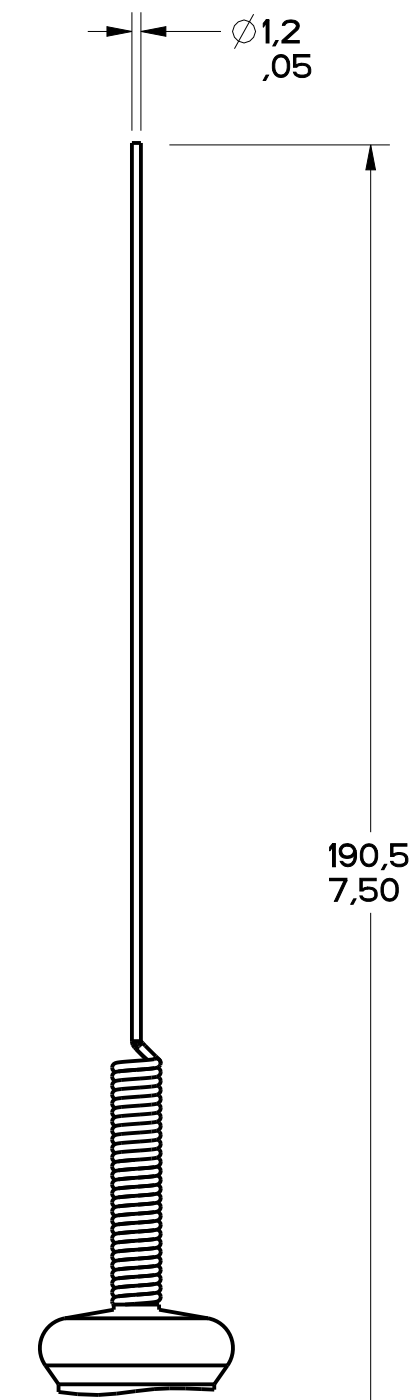


FIGURE 7D -
CAT WHISKER ACTUATOR,
STAINLESS STEEL
SPRING, OTHERWISE
SAME AS FIGURE 7

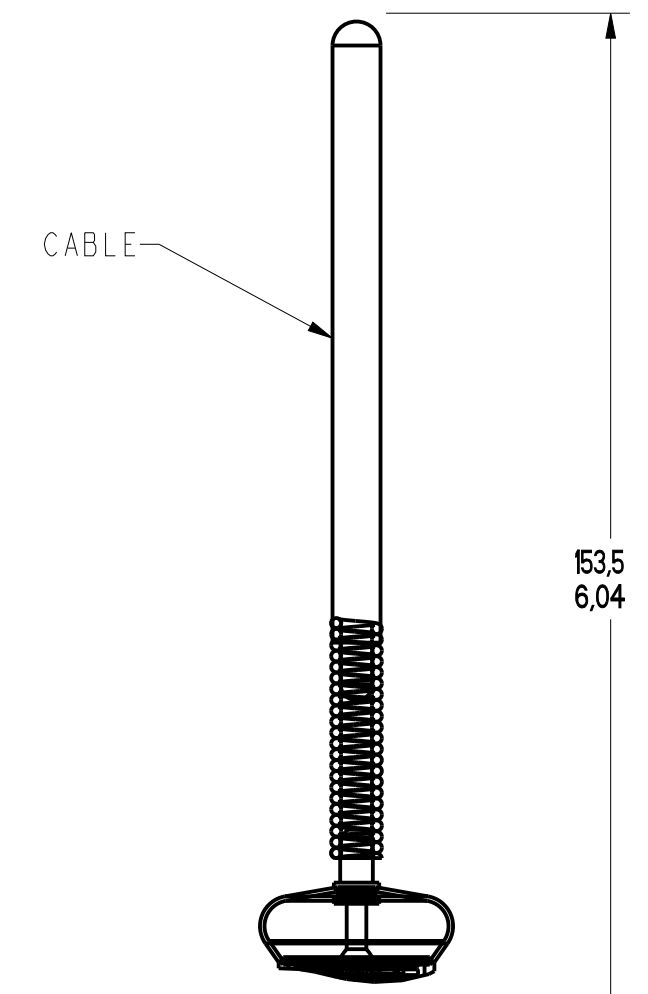


FIGURE 7E -
CABLE WOBBLE
ACTUATOR, OTHERWISE
SAME AS FIGURE 7

[illegible]

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FED. MFG. CODE 91929		CATALOG LISTING		NO PLACES X ONE PLACE X, X NO PLACES X, X, X THREE PLACES ANGLES ±.2° SI METRIC DESIGN UNITS ☒ US CUSTOMARY ☐	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 1	
				WEIGHT	

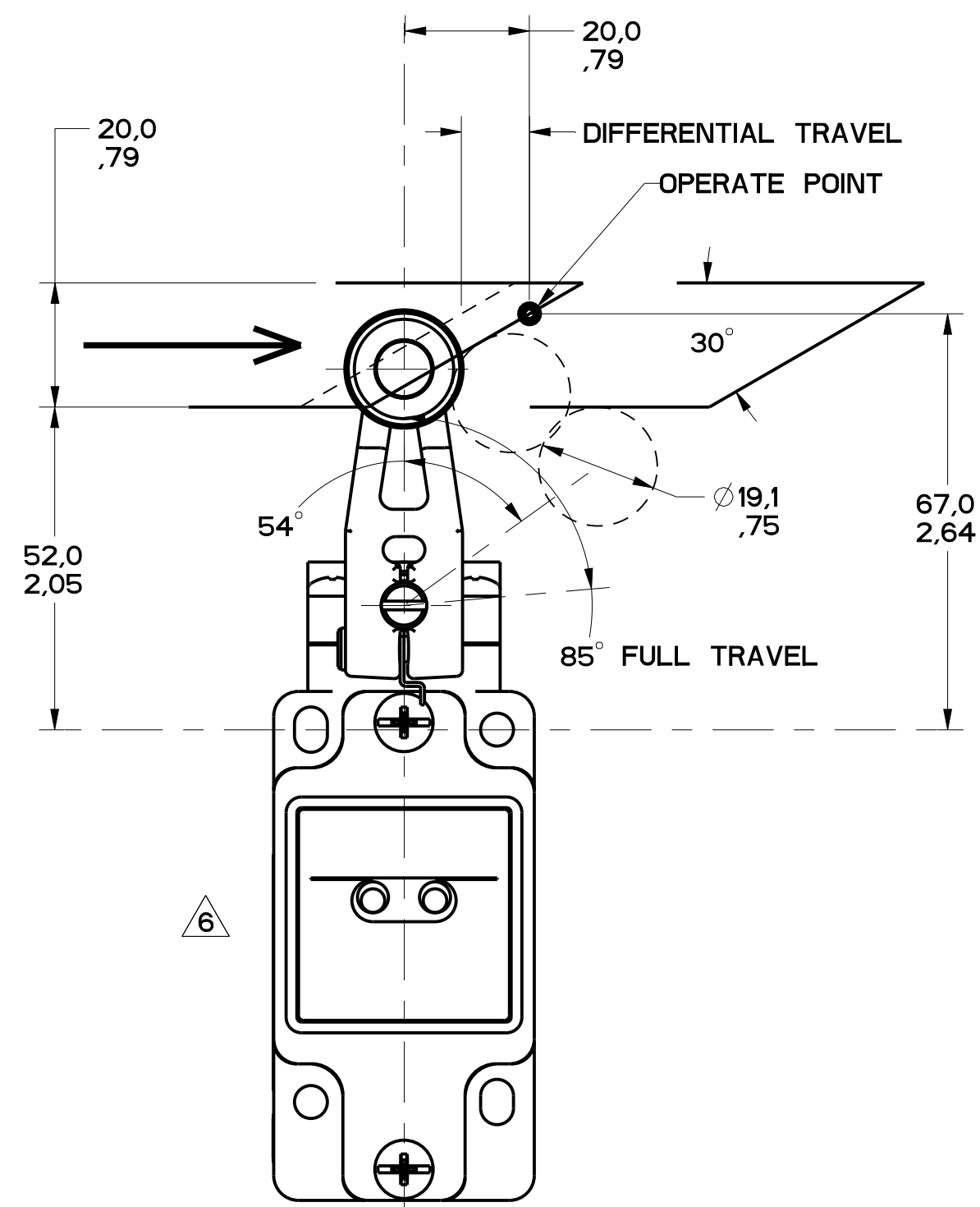


FIGURE 8

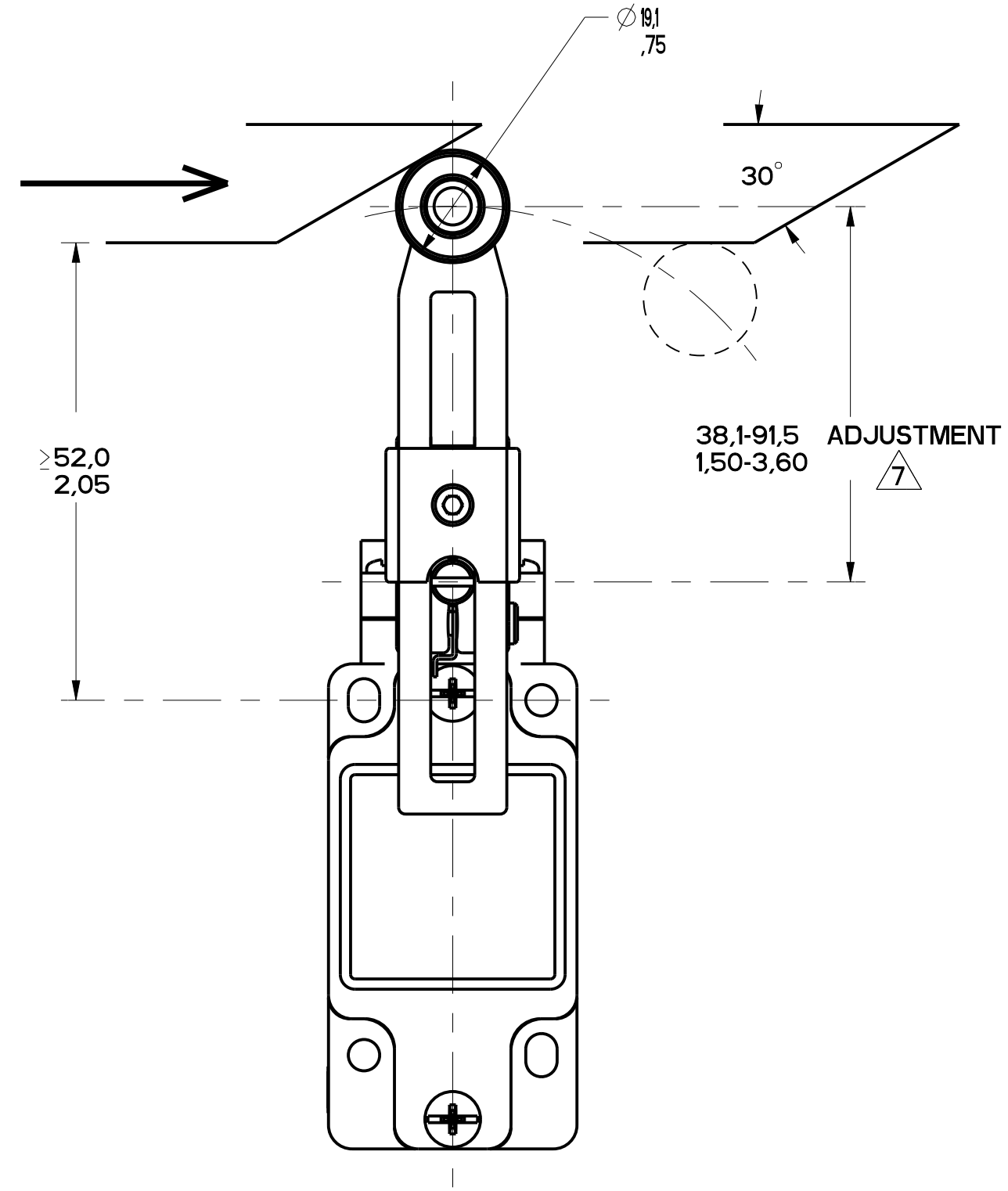


FIGURE 9

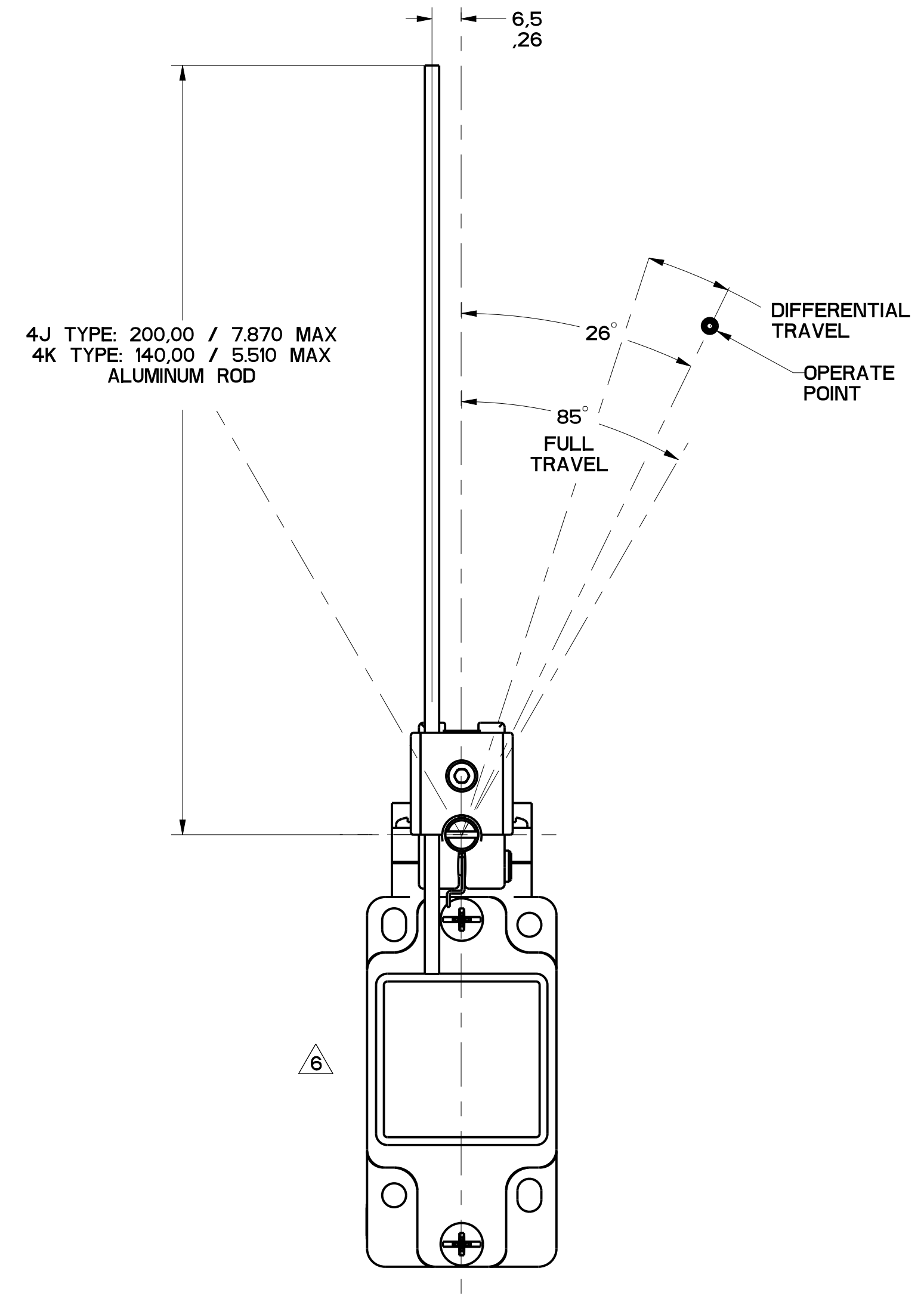


FIGURE 10

PTC/CAD		DRAWN		MIGL SERIES CHART 1		DRAWING NUMBER	
38H 20C112		0094570		N		230C112	
230C112		0070053		L		28F0189	
0048605		125F08		K		0043629	
0075216		28F0189		H		0020296	
0020296		0000401		G		0000401	
0000401		0000401		F		0000401	
0000401		0000401		E		0000401	
0000401		0000401		D		0000401	
0000401		0000401		C		0000401	
0000401		0000401		B		0000401	
0000401		0000401		A		0000401	
0000401		0000401		Z		0000401	
0000401		0000401		Y		0000401	
0000401		0000401		X		0000401	
0000401		0000401		W		0000401	
0000401		0000401		V		0000401	
0000401		0000401		U		0000401	
0000401		0000401		T		0000401	
0000401		0000401		S		0000401	
0000401		0000401		R		0000401	
0000401		0000401		Q		0000401	
0000401		0000401		P		0000401	
0000401		0000401		O		0000401	
0000401		0000401		N		0000401	
0000401		0000401		M		0000401	
0000401		0000401		L		0000401	
0000401		0000401		K		0000401	
0000401		0000401		J		0000401	
0000401		0000401		I		0000401	
0000401		0000401		H		0000401	
0000401		0000401		G		0000401	
0000401		0000401		F		0000401	
0000401		0000401		E		0000401	
0000401		0000401		D		0000401	
0000401		0000401		C		0000401	
0000401		0000401		B		0000401	
0000401		0000401		A		0000401	
0000401		0000401		Z		0000401	
0000401		0000401		Y		0000401	
0000401		0000401		X		0000401	
0000401		0000401		W		0000401	
0000401		0000401		V		0000401	
0000401		0000401		U		0000401	
0000401		0000401		T		0000401	
0000401		0000401		S		0000401	
0000401		0000401		R		0000401	
0000401		0000401		Q		0000401	
0000401		0000401		P		0000401	
0000401		0000401		O		0000401	
0000401		0000401		N		0000401	
0000401		0000401		M		0000401	
0000401		0000401		L		0000401	
0000401		0000401		K		0000401	
0000401		0000401		J		0000401	
0000401		0000401		I		0000401	
0000401		0000401		H		0000401	
0000401		0000401		G		0000401	
0000401		0000401		F		0000401	
0000401		0000401		E		0000401	
0000401		0000401		D		0000401	
0000401		0000401		C		0000401	
0000401		0000401		B		0000401	

REV	F	0000401	GLH	2JUN03	050CT10
REV	G	0002986	RS	20 JAN04	
REV	H	0023759	RKP	07AUG06	CMH
REV	J	0037216	BS	00FEB08	CHECK
REV	K	0034629	SS	12SEP08	07AUG06
REV	L	0048605	VRS	09FEB09	
REV	M	0070059	DN	050CT10	
REV	N	0094570	SBH	12OCT12	AVM

PTC / CAD	
DRAWN	
S A V	27MAR99

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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 :			
	DIM. mm	TOL. mm	DIM. mm
NO PLACES	X 1.00	± 0.04	0.05 / 0.03
ONE PLACE	X X	0.07 / 0.06	0.08 / 0.05
TWO PLACES	X X X	0.02 / 0.01	0.03 / 0.02
THREE PLACES		± 0.01	
ANGLES	± 2°		
SI METRIC			
DESIGN UNITS		US CUSTOMARY	
WEIGHT			

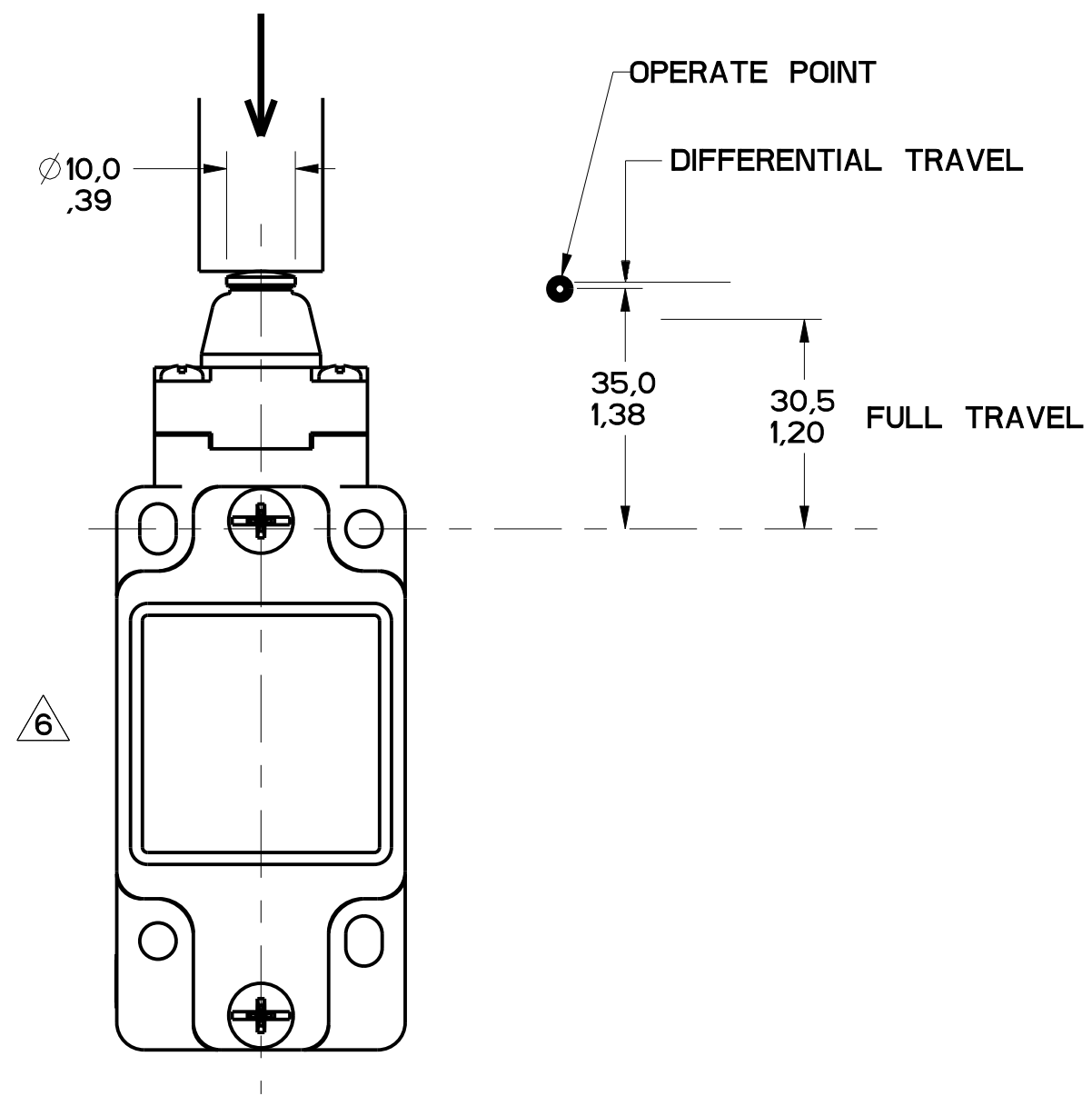


FIGURE 11

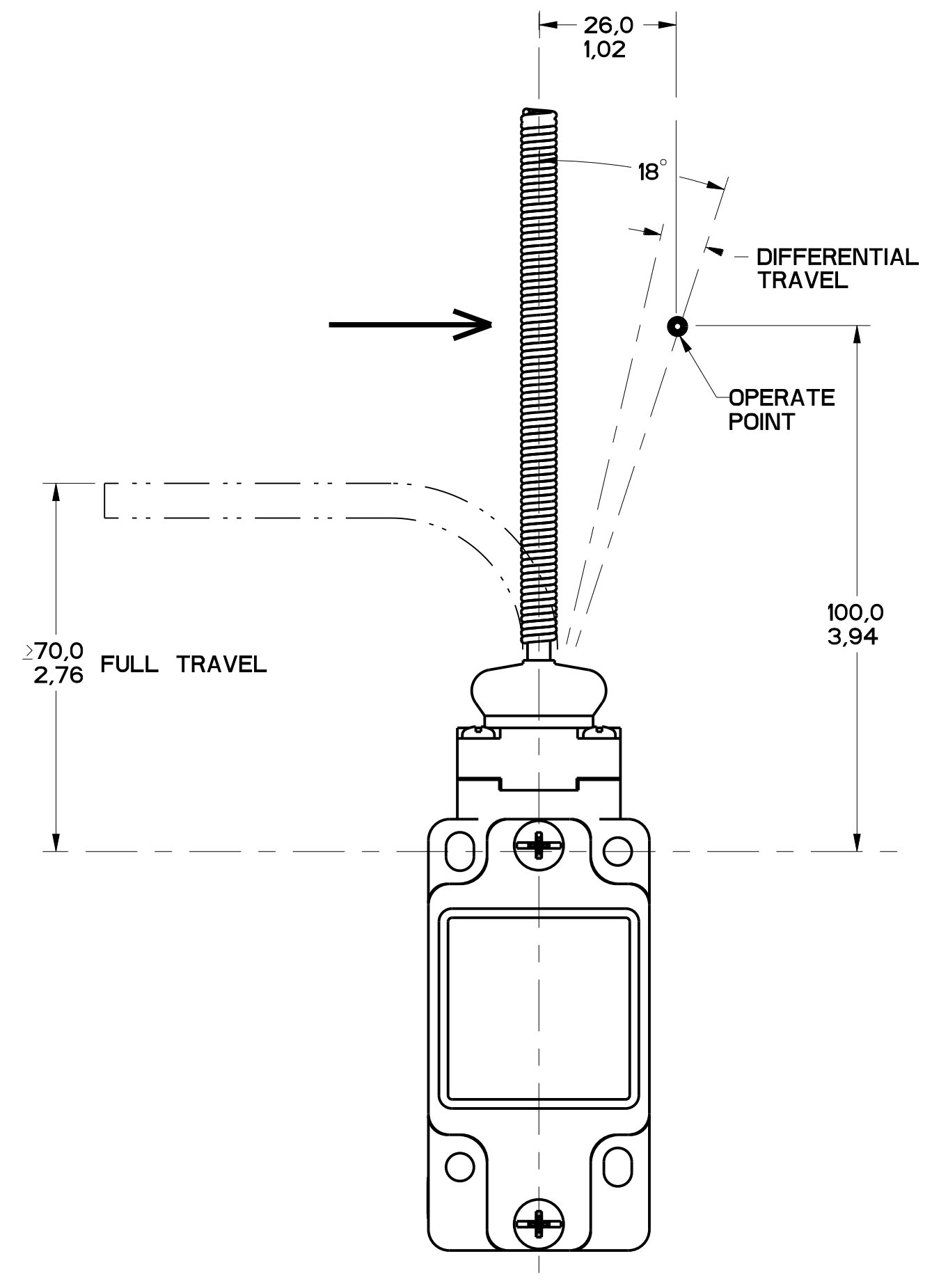


FIGURE 12

[illegible][illegible]

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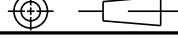
MICRO SWITCH
a Honeywell Division

FED. MFG. CODE 91929

CATALOG LISTING

GL SERIES CHART 1

SWITCH, ENCLOSED

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	FRA	TOL
mm	mm	in	mm
NO PLACES	X	1 / 64	0.81 (0.031)
ONE PLACE	X .1	0.01 (0.001)	0.30 (0.013)
TWO PLACES	X .01	0.001 (0.0001)	0.13 (0.005)
THREE PLACES	X .001	0.0001 (0.00001)	0.03 (0.001)
±			
SI METRIC		US CUSTOMARY	
DESIGN UNITS			
WEIGHT			

ANSI Y14.5M-1982 APPLIES

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 	 0.9 DIFFERENTIAL TRAVEL	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**03B GL**33B	SLOW ACTING BREAK BEFORE MAKE 	 34	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**04B GL**34B	SLOW ACTING MAKE BEFORE BREAK 	 35	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**05B GL**35B	SLOW ACTING 	 23-24	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**06B GL**36B	SLOW ACTING 	 11-12, 21-22	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**20B GL**22B GL**24B GL**32B	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22, 13-14, 23-24	$\frac{16}{3.6}$	$\frac{37}{8.2}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**21B GL**25B GL**28B GL**31B	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 11-12, 13-14, 21-22, 23-24	$\frac{16}{3.6}$	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 $\frac{N-m}{LB/IN}$	MAXIMUM DISCONNECT TORQUE $\frac{N-m}{LB/IN}$	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 	 11-12, 21-22, 13-14, 23-24	$\frac{0.2}{1.8}$	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 	 26 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 	 26.5, 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 	 26.5, 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**05E GL**35E	SLOW ACTING 	 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**06E GL**36E	SLOW ACTING 	 26.5	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**20E GL**22E GL**24E GL**32E	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22, 13-14, 23-24	$\frac{2.5}{0.6}$	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:

DM	TOL	DM	TOL
NO PLACES	±.04	2.X	0.01/0.5
ONE PLACE	±.1	3.XX	0.01/0.5
TWO PLACES	±.01/0.06	4.XXX	0.01/0.5
THREE PLACES	±.001/0.006		

DESIGN UNITS
☒ SI METRIC
☐ US CUSTOMARY

WEIGHT

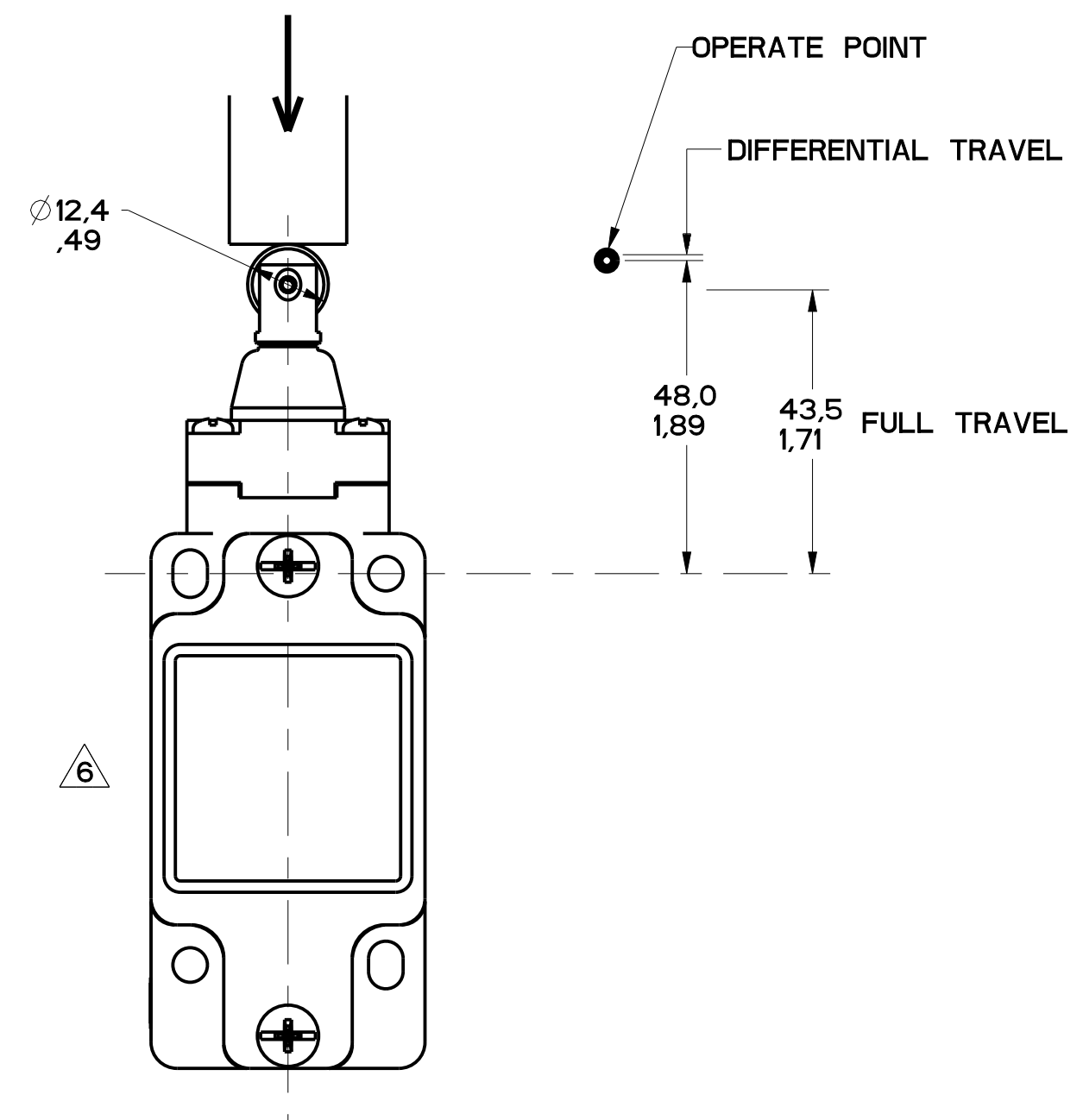


FIGURE 13A

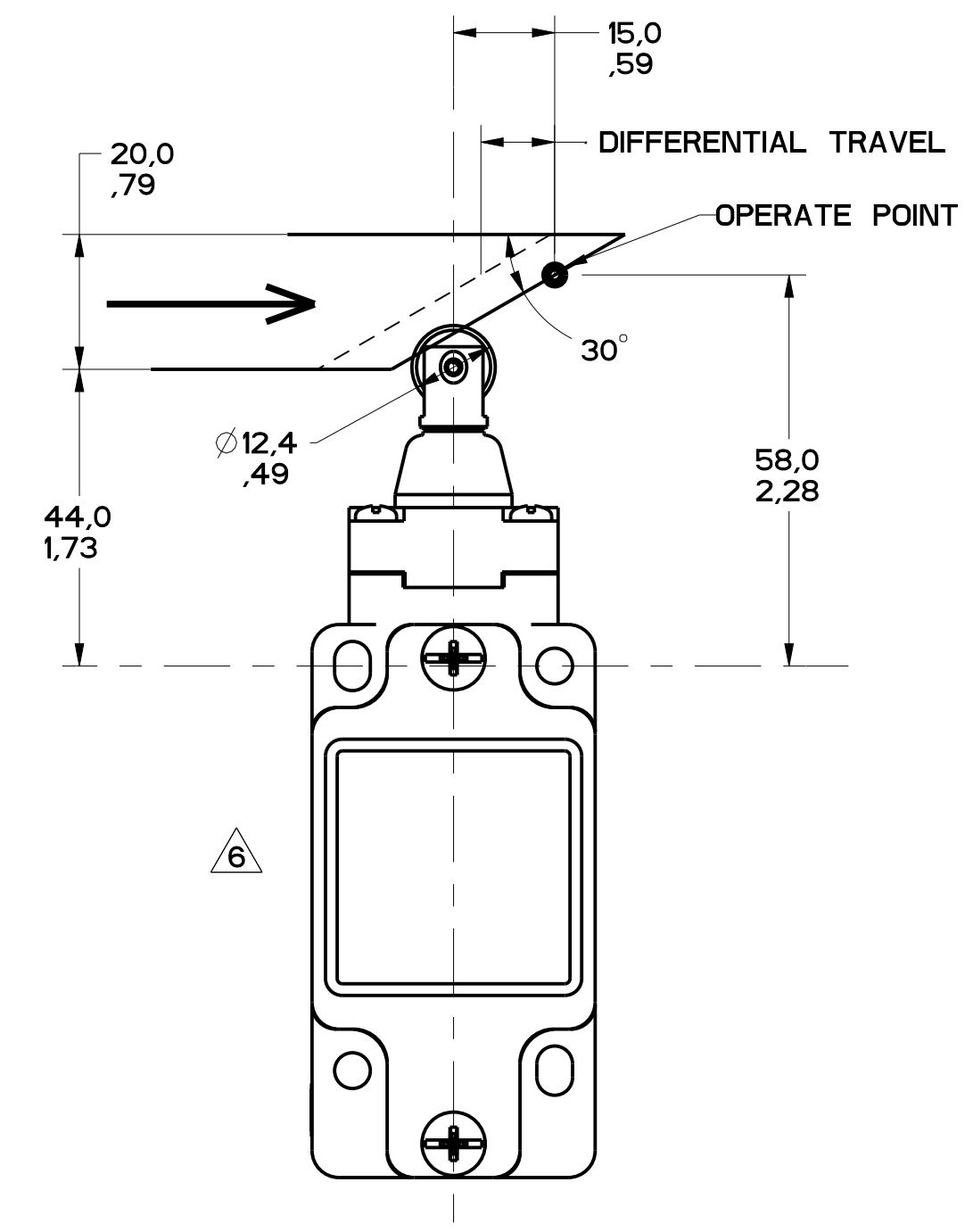


FIGURE 13B

[illegible]

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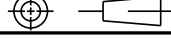
MICRO SWITCH
a Honeywell Division

FED. MFG. CODE 91929

CATALOG LISTING

GL SERIES CHART 1

SWITCH, ENCLOSED

THIRD ANGLE PROJECTION			
			
1:1			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS, CONVERSIONS ARE FOR REFERENCE, UNLESS NOTED, TOLERANCES ARE:			
FIN DIM	TOL DIM	FIN H	TOL H/D & L
NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES	X X X X X	1 / 64 0.0156 0.0031 0.0016 0	X X X X X
			0.841, 01 0.300, 015 0.131, 005 0.131, 005
SI METRIC 		US CUSTOMARY 	
DESIGN UNITS		DESIGN UNITS	
WEIGHT		WEIGHT	

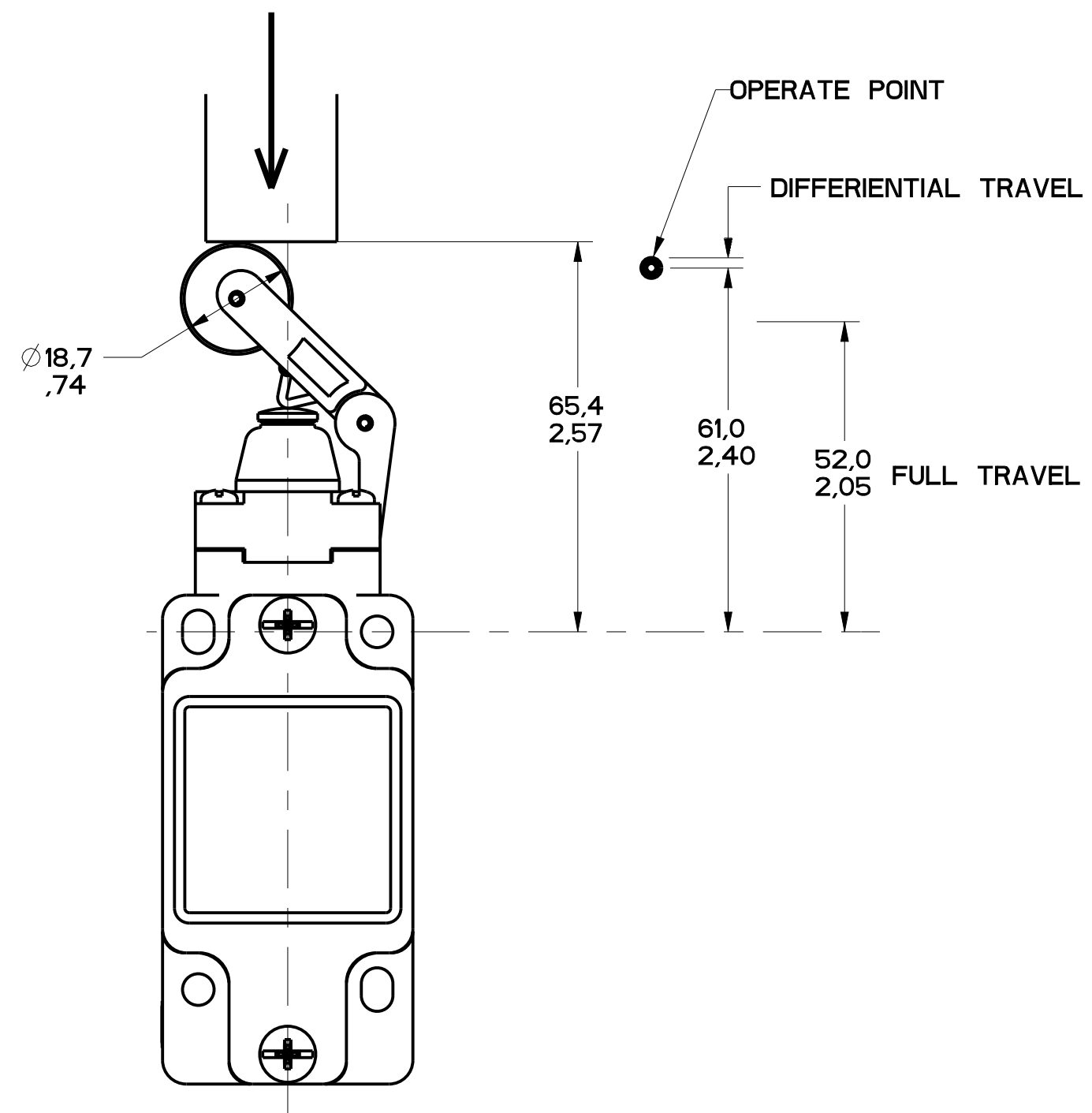


FIGURE 14A

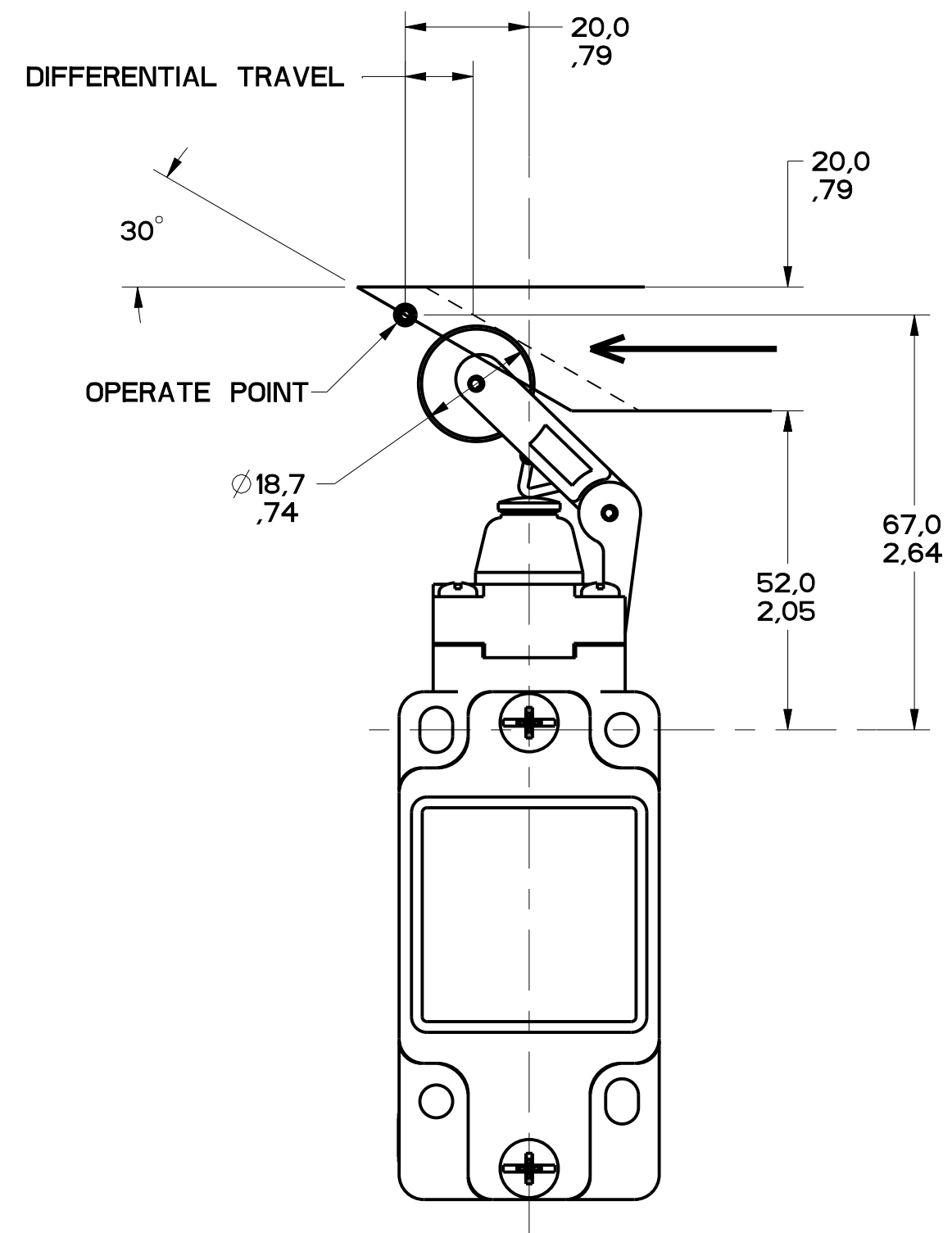


FIGURE 14B

[illegible]

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FED. MFG. CODE 91929		CATALOG LISTING		<table><tr><td>DIM mm</td><td>TOL mm</td><td>DIM in</td><td>TOL in</td></tr><tr><td>NO PLACES X</td><td></td><td>1.164</td><td>1.8</td></tr><tr><td>ONE PLACE X X</td><td></td><td>0.47/0.016</td><td>1.8X</td></tr><tr><td>TWO PLACES X,X</td><td></td><td>0.157/0.006</td><td>1.8X</td></tr><tr><td>THREE PLACES ANGLES</td><td></td><td>$\pm 0^\circ$</td><td></td></tr></table>		DIM mm	TOL mm	DIM in	TOL in	NO PLACES X		1.164	1.8	ONE PLACE X X		0.47/0.016	1.8X	TWO PLACES X,X		0.157/0.006	1.8X	THREE PLACES ANGLES		$\pm 0^\circ$	
DIM mm	TOL mm	DIM in	TOL in																						
NO PLACES X		1.164	1.8																						
ONE PLACE X X		0.47/0.016	1.8X																						
TWO PLACES X,X		0.157/0.006	1.8X																						
THREE PLACES ANGLES		$\pm 0^\circ$																							
MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 1	DESIGN UNITS ☒ SI METRIC ☐ US CUSTOMARY ☐																						
			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 	 1.7 DIFFERENTIAL TRAVEL	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**03D GL**33D	SLOW ACTING BREAK BEFORE MAKE 	 59.1	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**04D GL**34D	SLOW ACTING MAKE BEFORE BREAK 	 61	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**05D GL**35D	SLOW ACTING 	 59.1	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**06D GL**36D	SLOW ACTING 	 61**	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 	 1.7 DIFFERENTIAL TRAVEL	$\frac{9.5}{2.1}$	$\frac{16.4}{3.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**21D GL**25D GL**28D GL**31D	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 1.6 DIFFERENTIAL TRAVEL	$\frac{9.5}{2.1}$	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 	 4.1 DIFFERENTIAL TRAVEL	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**03D GL**33D	SLOW ACTING BREAK BEFORE MAKE 	 24.1	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**04D GL**34D	SLOW ACTING MAKE BEFORE BREAK 	 20	$\frac{5.5}{1.2}$	$\frac{9.6}{2.2}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**05D GL**35D	SLOW ACTING 	 24.1	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**06D GL**36D	SLOW ACTING 	 20**	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 	 4.1 DIFFERENTIAL TRAVEL	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**21D GL**25D GL**28D GL**31D	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 3.7 DIFFERENTIAL TRAVEL	$\frac{5.5}{1.2}$	N/A	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250

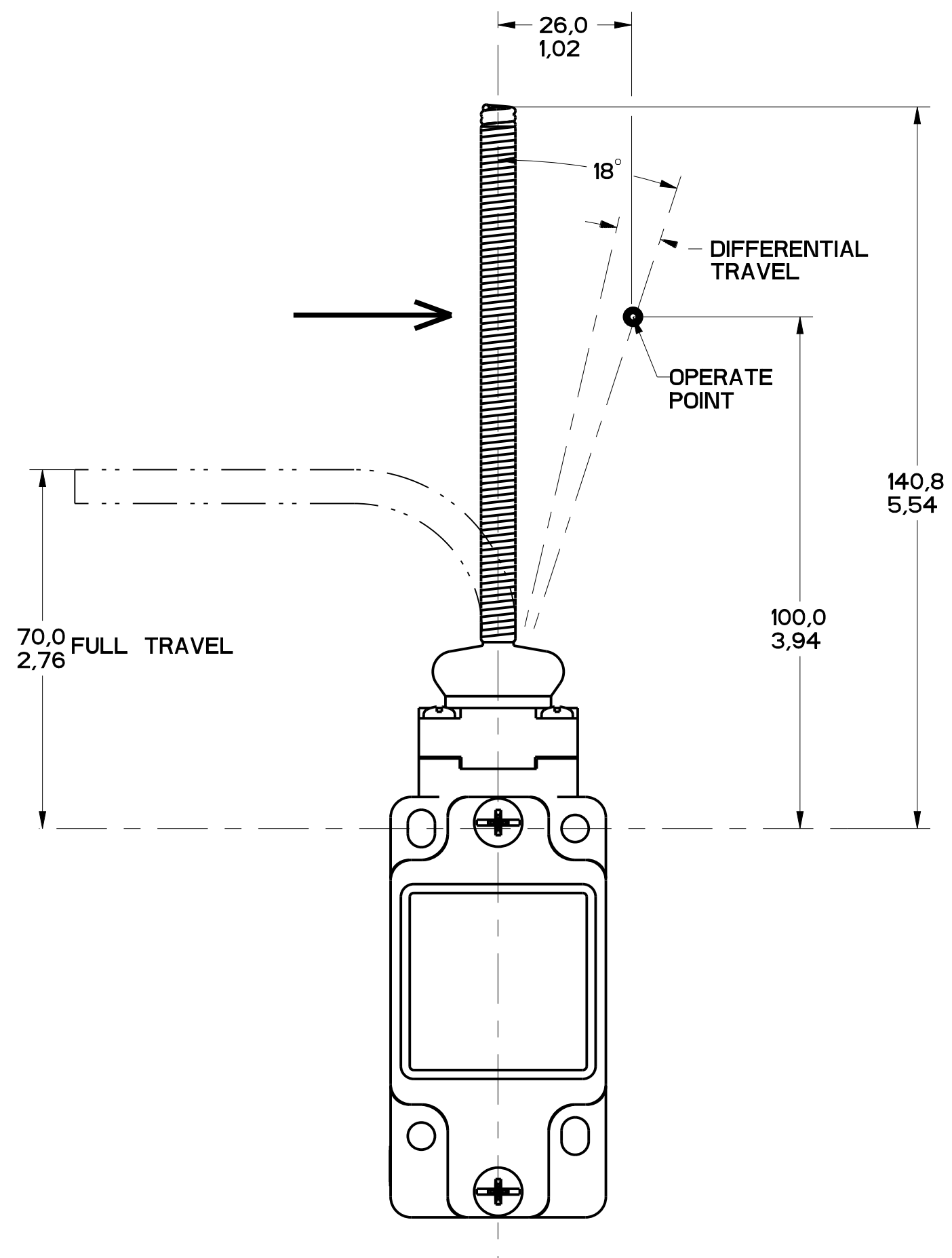


FIGURE 15

[illegible]

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 MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 1	
NO PLACES 3 ONE PLACE 3 X X TWO PLACES 1 X X THREE PLACES ANGLES		DIM. mm TOL. mil ± 1 / .04 / .016 0.15 / .006 ±.005		DIM. in. TOL. mil ± 1 / 8 / .03 1 / 8 X 0.137 / .005	
DESIGN UNITS		SI METRIC ☒		US CUSTOMARY ☐	
WEIGHT					

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



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Электрон
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