

SIDE ROTARY

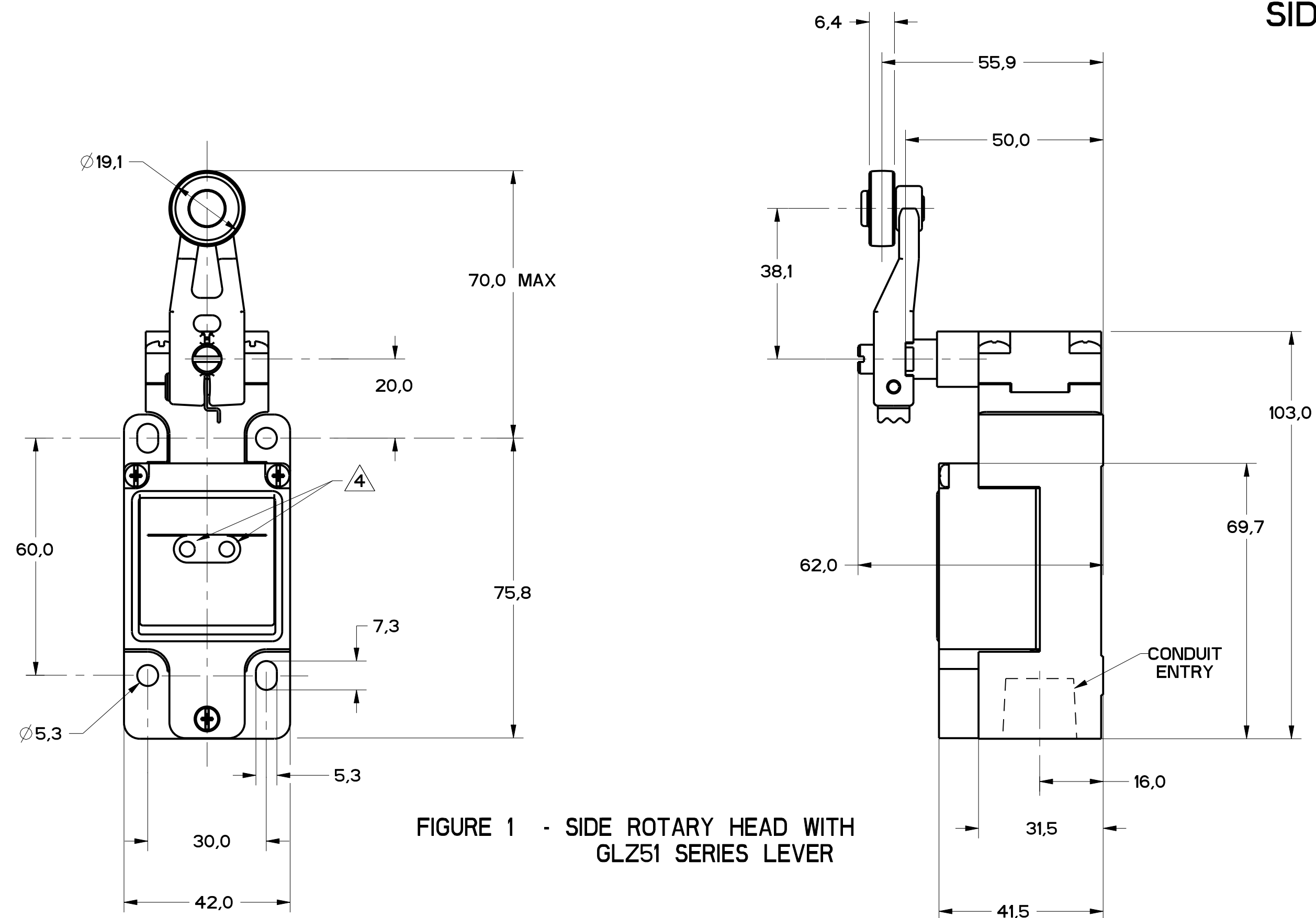


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

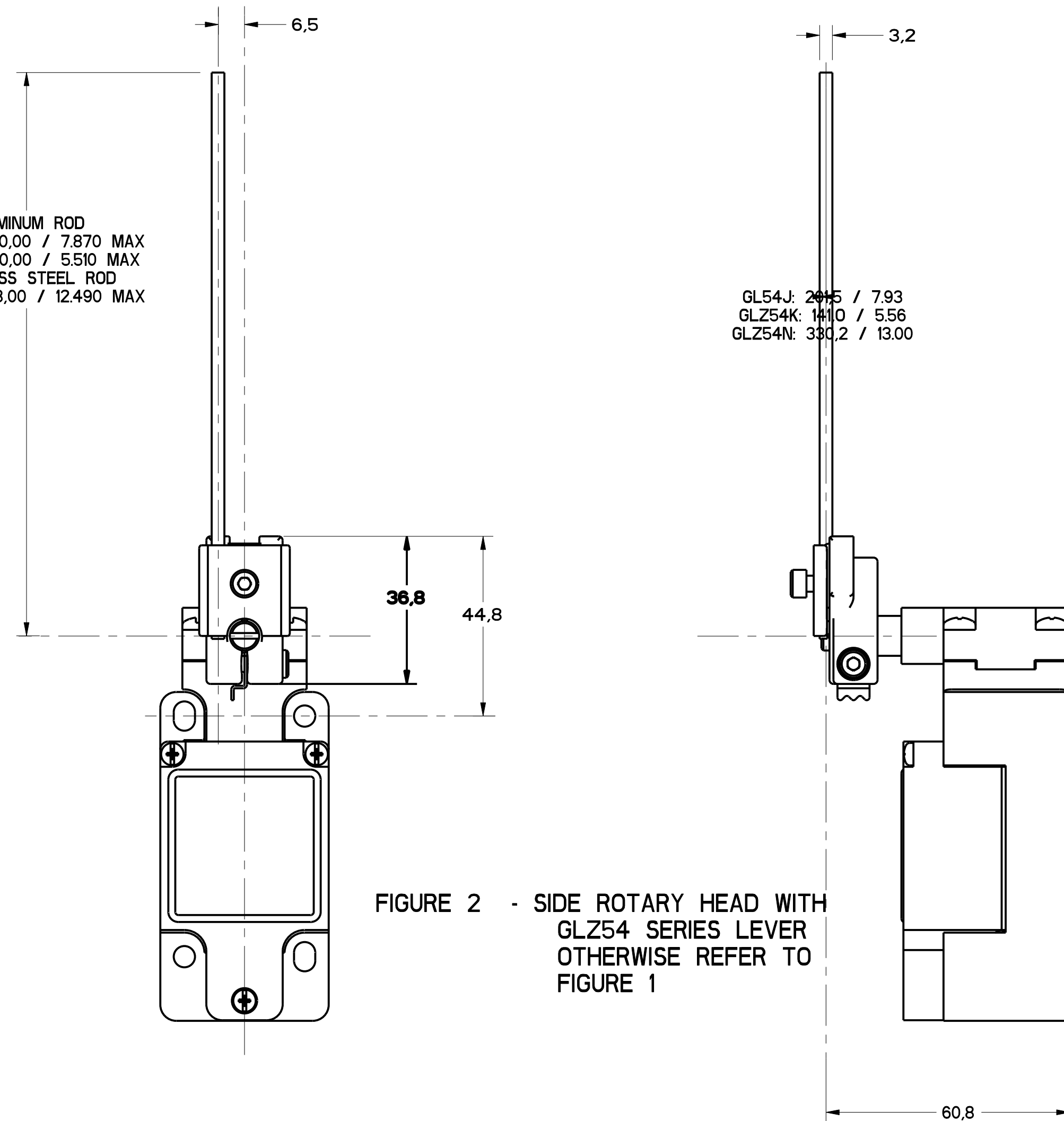


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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 $\Delta 5$			
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

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 RIGHT INDICATOR IS YELLOW AND INDICATES "OUTPUT STATUS" IT IS ON GLG SERIES PRODUCTS ONLY.
- THE MAXIMUM VOLTAGE, V_e OF GLG 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
- 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

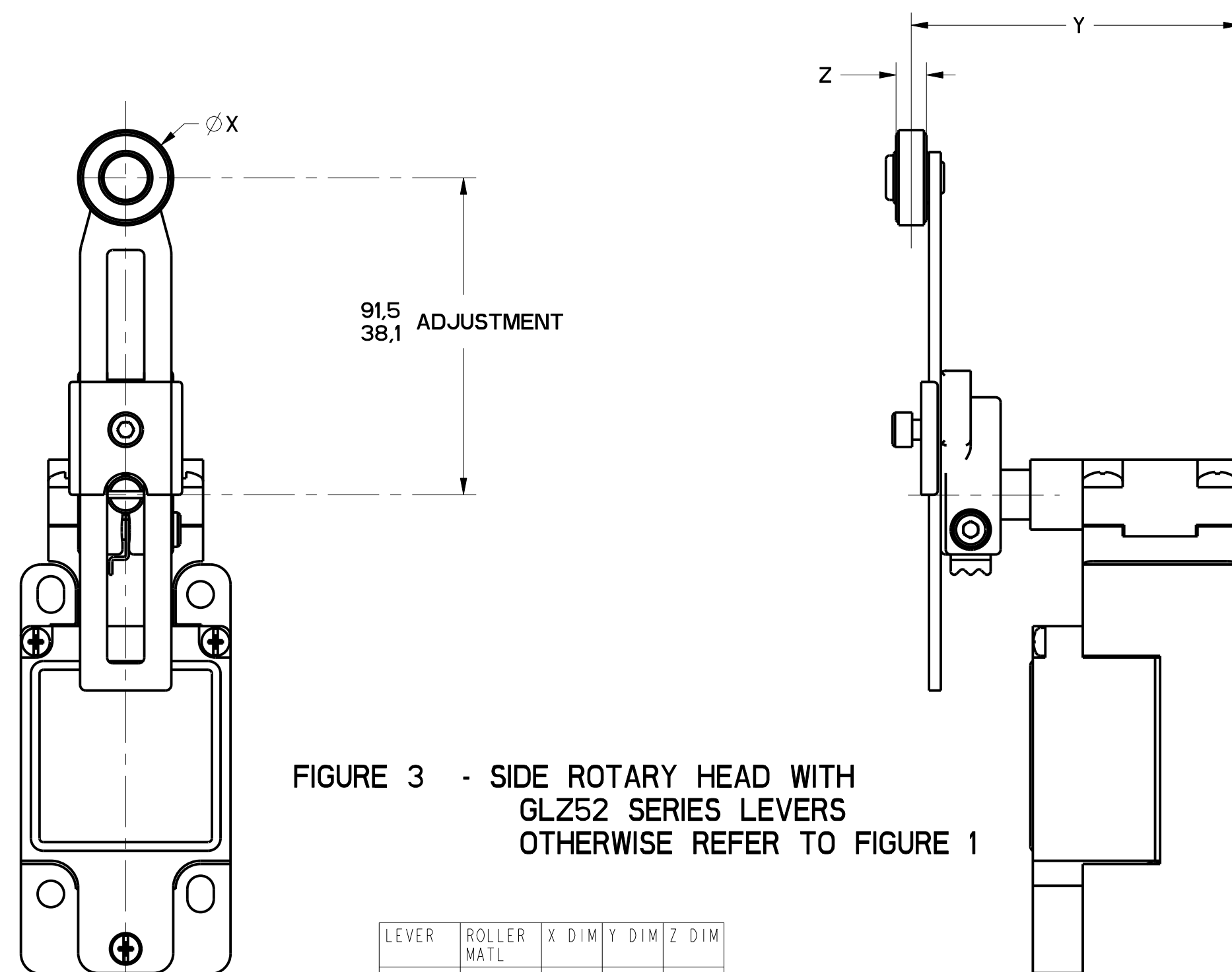


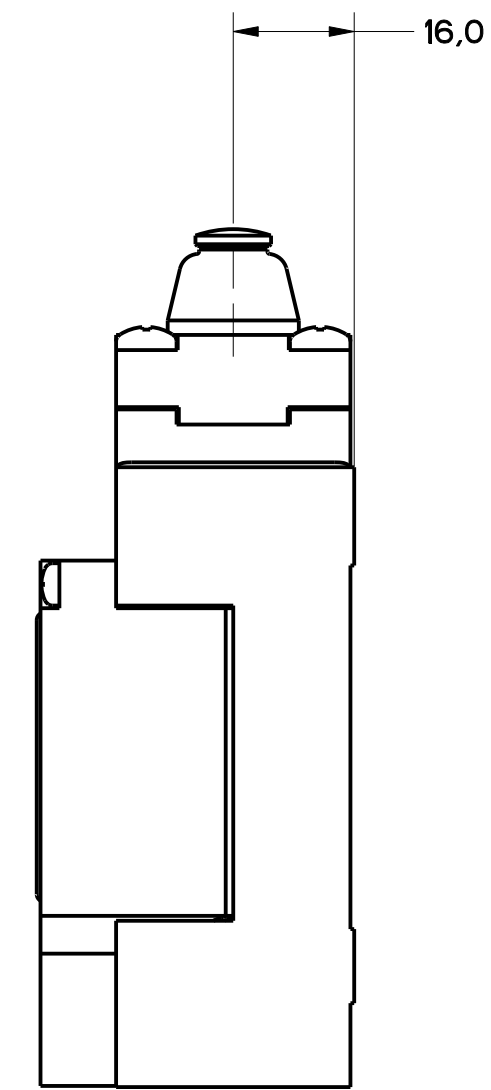
FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

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 1.5	71.5 2.81	12.7 .5
GLZ52Y	RUBBER	50.9 2.0	71.5 2.81	12.7 .5

CATALOG LISTING	BODY DIMENSIONS, FIGURE	HEAD DIMENSIONS, FIGURE	HEAD ACTUATION, FIGURE
GLB***	I	N/A	N/A
GLG***	I	N/A	N/A
GLJ***	I	N/A	N/A
GL*A***	1A	N/A	N/A
GL*B***	1B	N/A	N/A
GL*C***	1C	N/A	N/A
GL*D***	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	12
GL***E7D	I	7B	12
GL***K8A	I	7C	15
GL***K8B	I	7D	15
GL***K8C	I	7	15

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FED. MFG. CODE 91929		SWITCH, ENCLOSED	
MICRO SWITCH a Honeywell Division		GL SERIES CHART 2	
DESIGN UNITS		WEIGHT	

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	INCH	TOL.	INCH
ONE PLACE	INCH	0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.12, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.25, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00, 5.50, 6.00, 6.50, 7.00, 7.50, 8.00, 8.50, 9.00, 9.50, 10.00	0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.12, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.25, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00, 5.50, 6.00, 6.50, 7.00, 7.50, 8.00, 8.50, 9.00, 9.50, 10.00
TWO PLACES	INCH	0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.12, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.25, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00, 5.50, 6.00, 6.50, 7.00, 7.50, 8.00, 8.50, 9.00, 9.50, 10.00	0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.12, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.25, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00, 5.50, 6.00, 6.50, 7.00, 7.50, 8.00, 8.50, 9.00, 9.50, 10.00
THREE PLACES	INCH	0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.12, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.25, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00, 5.50, 6.00, 6.50, 7.00, 7.50, 8.00, 8.50, 9.00, 9.50, 10.00	0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.12, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00, 1.25, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00, 5.50, 6.00, 6.50, 7.00, 7.50, 8.00, 8.50, 9.00, 9.50, 10.00
ANGLES	DEGREES	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.2, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0, 40.0, 42.0, 44.0, 46.0, 48.0, 50.0, 52.0, 54.0, 56.0, 58.0, 60.0, 62.0, 64.0, 66.0, 68.0, 70.0, 72.0, 74.0, 76.0, 78.0, 80.0, 82.0, 84.0, 86.0, 88.0, 90.0, 92.0, 94.0, 96.0, 98.0, 100.0	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.2, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 36.0, 38.0, 40.0, 42.0, 44.0, 46.0, 48.0, 50.0, 52.0, 54.0, 56.0, 58.0, 60.0, 62.0, 64.0, 66.0, 68.0, 70.0, 72.0, 74.0, 76.0, 78.0, 80.0, 82.0, 84.0, 86.0, 88.0, 90.0, 92.0, 94.0, 96.0, 98.0, 100.0
SI METRIC		US CUSTOMARY	
DESIGN UNITS		WEIGHT	

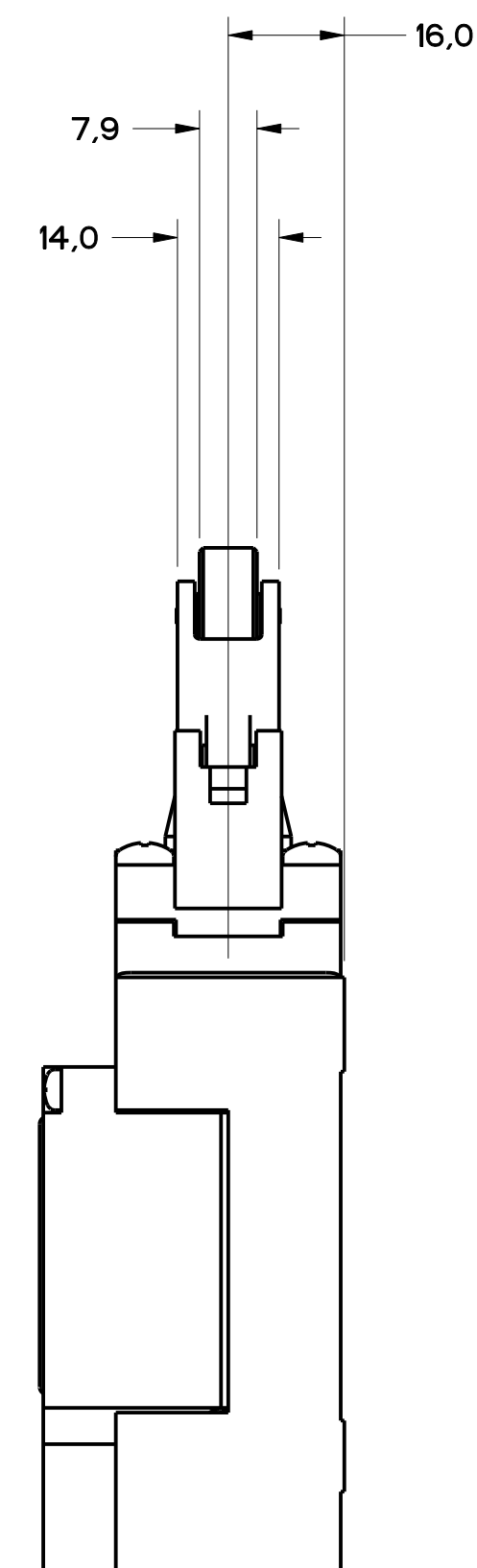


STEEL ROLLER

Ø 12,4

50,5

Technical drawing of a lamp head (Lampenkopf) showing a side view. The drawing includes two dimension lines: a horizontal one at the top labeled '16,0' and a vertical one on the left labeled '4,7'. The lamp head features a central vertical rod with a small rectangular component at the top, a conical base, and a series of horizontal ridges or steps. A large rectangular component is attached to the side of the main body.



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DIM	TOL	DIM	TOL																												
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THREE PLACES		4	0.0010																												
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		WEIGHT																													

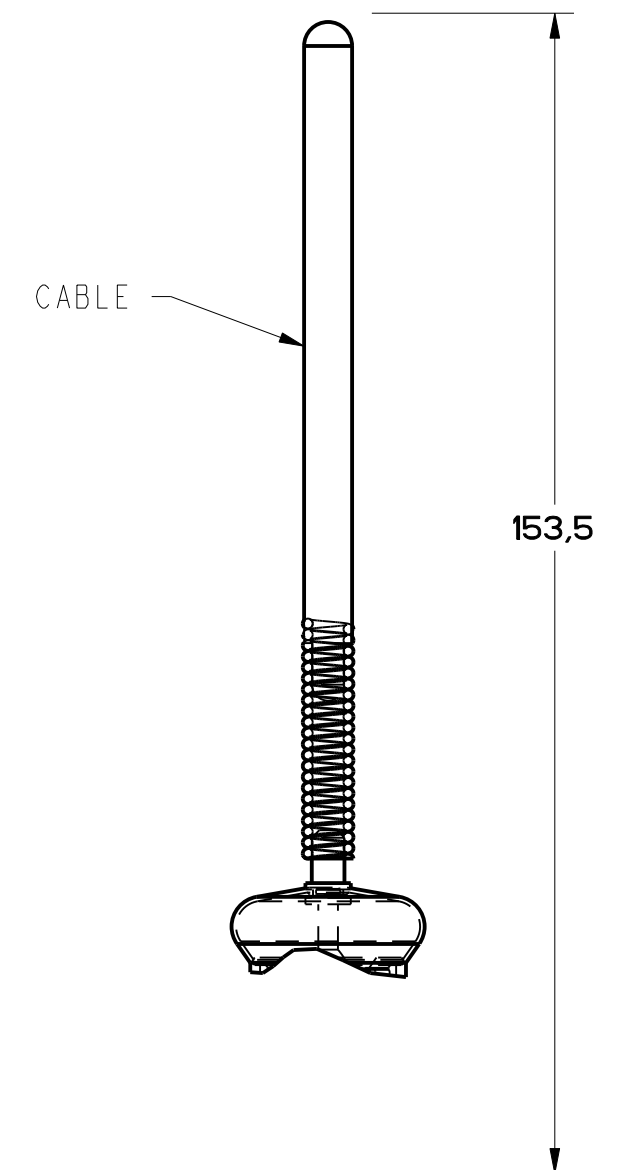
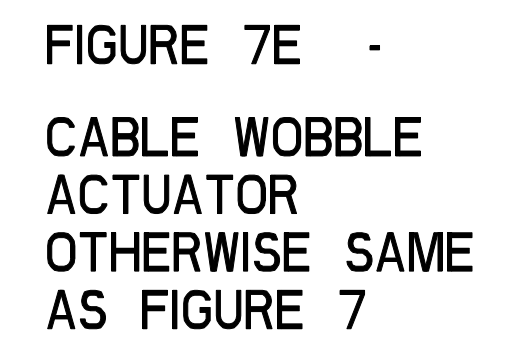
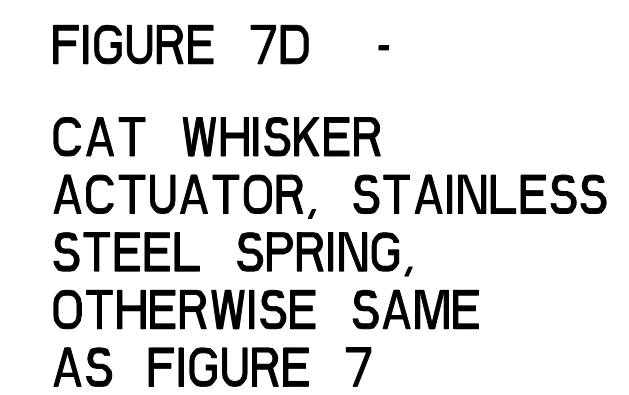
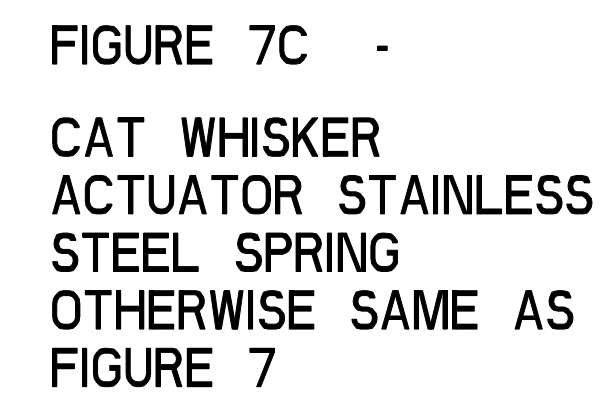
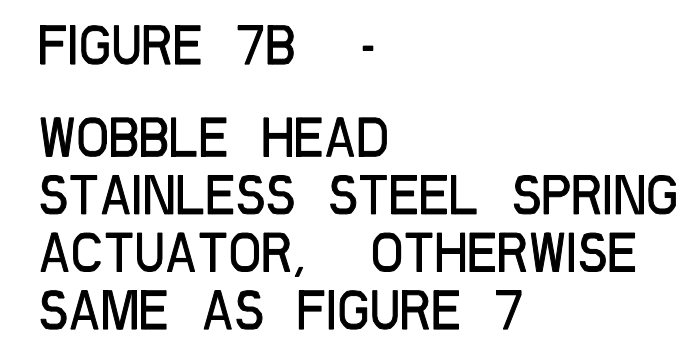
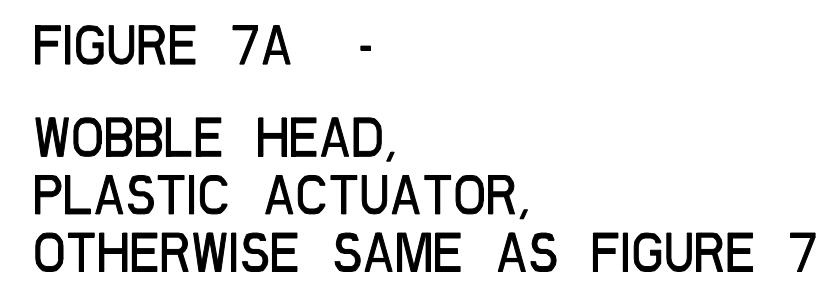


FIGURE 7 - WOBBLE HEAD, AND CAT WHISKER HEAD
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

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

SWITCH, ENCLOSED

GL SERIES CHART 2

THIRD ANGLE PROJECTION			
			
SCALE <u>FULL</u>			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
DIM 1" = 1"		TOL 1/16" ± .004 X .1 1/32 ± .001 X .5 1/64 ± .001 X 1 1/32 ± .001 X 2 1/64 ± .001 X 3 1/64 ± .001 X 4 1/64 ± .001 X 5 1/64 ± .001 X 6 1/64 ± .001 X 7 1/64 ± .001 X 8 1/64 ± .001 X 9 1/64 ± .001 X 10 1/64 ± .001 X 11 1/64 ± .001 X 12 1/64 ± .001 X 13 1/64 ± .001 X 14 1/64 ± .001 X 15 1/64 ± .001 X 16 1/64 ± .001 X 17 1/64 ± .001 X 18 1/64 ± .001 X 19 1/64 ± .001 X 20 1/64 ± .001 X 21 1/64 ± .001 X 22 1/64 ± .001 X 23 1/64 ± .001 X 24 1/64 ± .001 X 25 1/64 ± .001 X 26 1/64 ± .001 X 27 1/64 ± .001 X 28 1/64 ± .001 X 29 1/64 ± .001 X 30 1/64 ± .001 X 31 1/64 ± .001 X 32 1/64 ± .001 X 33 1/64 ± .001 X 34 1/64 ± .001 X 35 1/64 ± .001 X 36 1/64 ± .001 X 37 1/64 ± .001 X 38 1/64 ± .001 X 39 1/64 ± .001 X 40 1/64 ± .001 X 41 1/64 ± .001 X 42 1/64 ± .001 X 43 1/64 ± .001 X 44 1/64 ± .001 X 45 1/64 ± .001 X 46 1/64 ± .001 X 47 1/64 ± .001 X 48 1/64 ± .001 X 49 1/64 ± .001 X 50 1/64 ± .001 X 51 1/64 ± .001 X 52 1/64 ± .001 X 53 1/64 ± .001 X 54 1/64 ± .001 X 55 1/64 ± .001 X 56 1/64 ± .001 X 57 1/64 ± .001 X 58 1/64 ± .001 X 59 1/64 ± .001 X 60 1/64 ± .001 X 61 1/64 ± .001 X 62 1/64 ± .001 X 63 1/64 ± .001 X 64 1/64 ± .001 X 65 1/64 ± .001 X 66 1/64 ± .001 X 67 1/64 ± .001 X 68 1/64 ± .001 X 69 1/64 ± .001 X 70 1/64 ± .001 X 71 1/64 ± .001 X 72 1/64 ± .001 X 73 1/64 ± .001 X 74 1/64 ± .001 X 75 1/64 ± .001 X 76 1/64 ± .001 X 77 1/64 ± .001 X 78 1/64 ± .001 X 79 1/64 ± .001 X 80 1/64 ± .001 X 81 1/64 ± .001 X 82 1/64 ± .001 X 83 1/64 ± .001 X 84 1/64 ± .001 X 85 1/64 ± .001 X 86 1/64 ± .001 X 87 1/64 ± .001 X 88 1/64 ± .001 X 89 1/64 ± .001 X 90 1/64 ± .001 X 91 1/64 ± .001 X 92 1/64 ± .001 X 93 1/64 ± .001 X 94 1/64 ± .001 X 95 1/64 ± .001 X 96 1/64 ± .001 X 97 1/64 ± .001 X 98 1/64 ± .001 X 99 1/64 ± .001 X 100 1/64 ± .001 X 101 1/64 ± .001 X 102 1/64 ± .001 X 103 1/64 ± .001 X 104 1/64 ± .001 X 105 1/64 ± .001 X 106 1/64 ± .001 X 107 1/64 ± .001 X 108 1/64 ± .001 X 109 1/64 ± .001 X 110 1/64 ± .001 X 111 1/64 ± .001 X 112 1/64 ± .001 X 113 1/64 ± .001 X 114 1/64 ± .001 X 115 1/64 ± .001 X 116 1/64 ± .001 X 117 1/64 ± .001 X 118 1/64 ± .001 X 119 1/64 ± .001 X 120 1/64 ± .001 X 121 1/64 ± .001 X 122 1/64 ± .001 X 123 1/64 ± .001 X 124 1/64 ± .001 X 125 1/64 ± .001 X 126 1/64 ± .001 X 127 1/64 ± .001 X 128 1/64 ± .001 X 129 1/64 ± .001 X 130 1/64 ± .001 X 131 1/64 ± .001 X 132 1/64 ± .001 X 133 1/64 ± .001 X 134 1/64 ± .001 X 135 1/64 ± .001 X 136 1/64 ± .001 X 137 1/64 ± .001 X 138 1/64 ± .001 X 139 1/64 ± .001 X 140 1/64 ± .001 X 141 1/64 ± .001 X 142 1/64 ± .001 X 143 1/64 ± .001 X 144 1/64 ± .001 X 145 1/64 ± .001 X 146 1/64 ± .001 X 147 1/64 ± .001 X 148 1/64 ± .001 X 149 1/64 ± .001 X 150 1/64 ± .001 X 151 1/64 ± .001 X 152 1/64 ± .001 X 153 1/64 ± .001 X 154 1/64 ± .001 X 155 1/64 ± .001 X 156 1/64 ± .001 X 157 1/64 ± .001 X 158 1/64 ± .001 X 159 1/64 ± .001 X 160 1/64 ± .001 X 161 1/64 ± .001 X 162 1/64 ± .001 X 163 1/64 ± .001 X 164 1/64 ± .001 X 165 1/64 ± .001 X 166 1/64 ± .001 X 167 1/64 ± .001 X 168 1/64 ± .001 X 169 1/64 ± .001 X 170 1/64 ± .001 X 171 1/64 ± .001 X 172 1/64 ± .001 X 173 1/64 ± .001 X 174 1/64 ± .001 X 175 1/64 ± .001 X 176 1/64 ± .001 X 177 1/64 ± .001 X 178 1/64 ± .001 X 179 1/64 ± .001 X 180 1/64 ± .001 X 181 1/64 ± .001 X 182 1/64 ± .001 X 183 1/64 ± .001 X 184 1/64 ± .001 X 185 1/64 ± .001 X 186 1/64 ± .001 X 187 1/64 ± .001 X 188 1/64 ± .001 X 189 1/64 ± .001 X 190 1/64 ± .001 X 191 1/64 ± .001 X 192 1/64 ± .001 X 193 1/64 ± .001 X 194 1/64 ± .001 X 195 1/64 ± .001 X 196 1/64 ± .001 X 197 1/64 ± .001 X 198 1/64 ± .001 X 199 1/64 ± .001 X 200 1/64 ± .001 X 201 1/64 ± .001 X 202 1/64 ± .001 X 203 1/64 ± .001 X 204 1/64 ± .001 X 20	

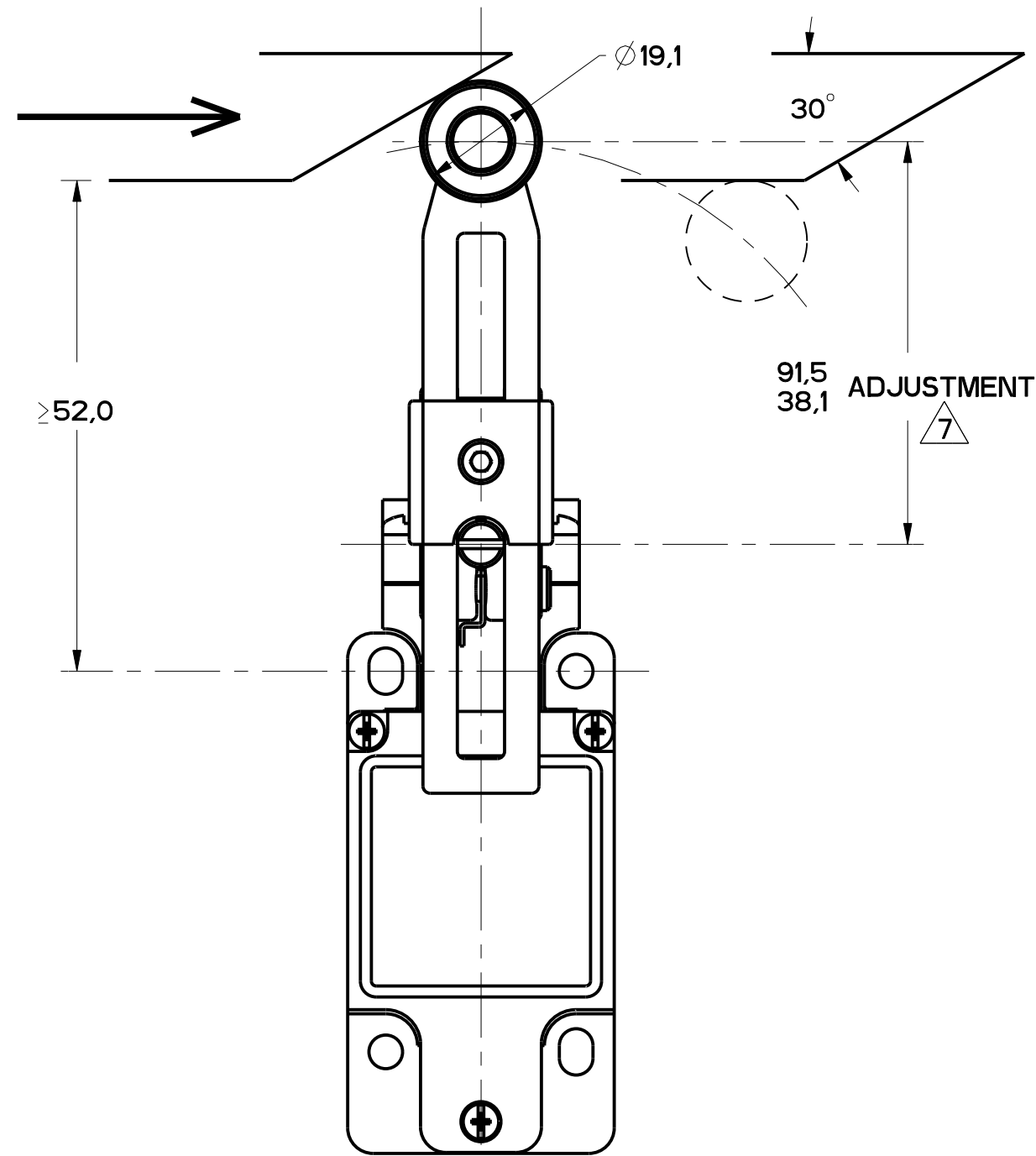


FIGURE 9

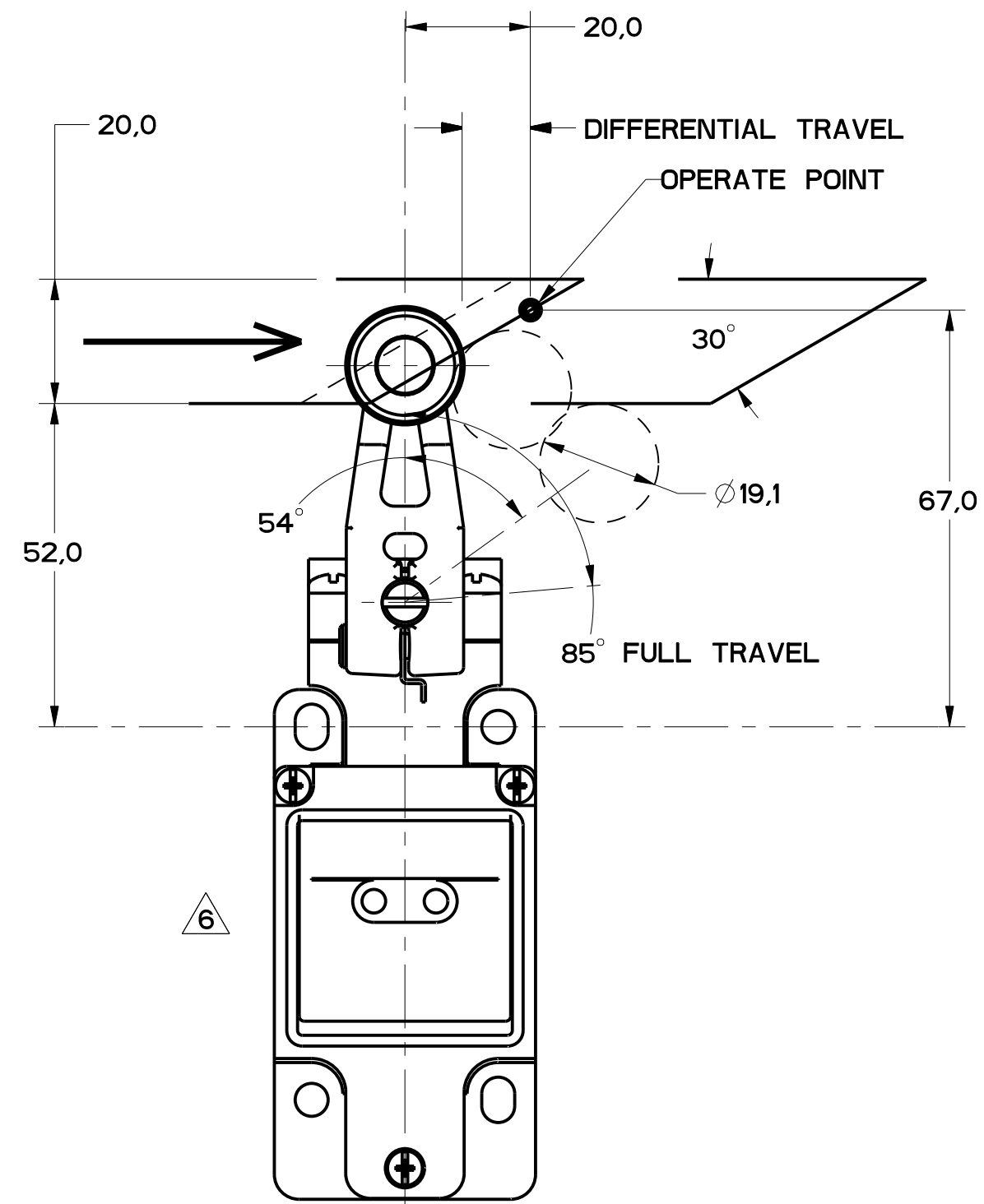


FIGURE 8

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

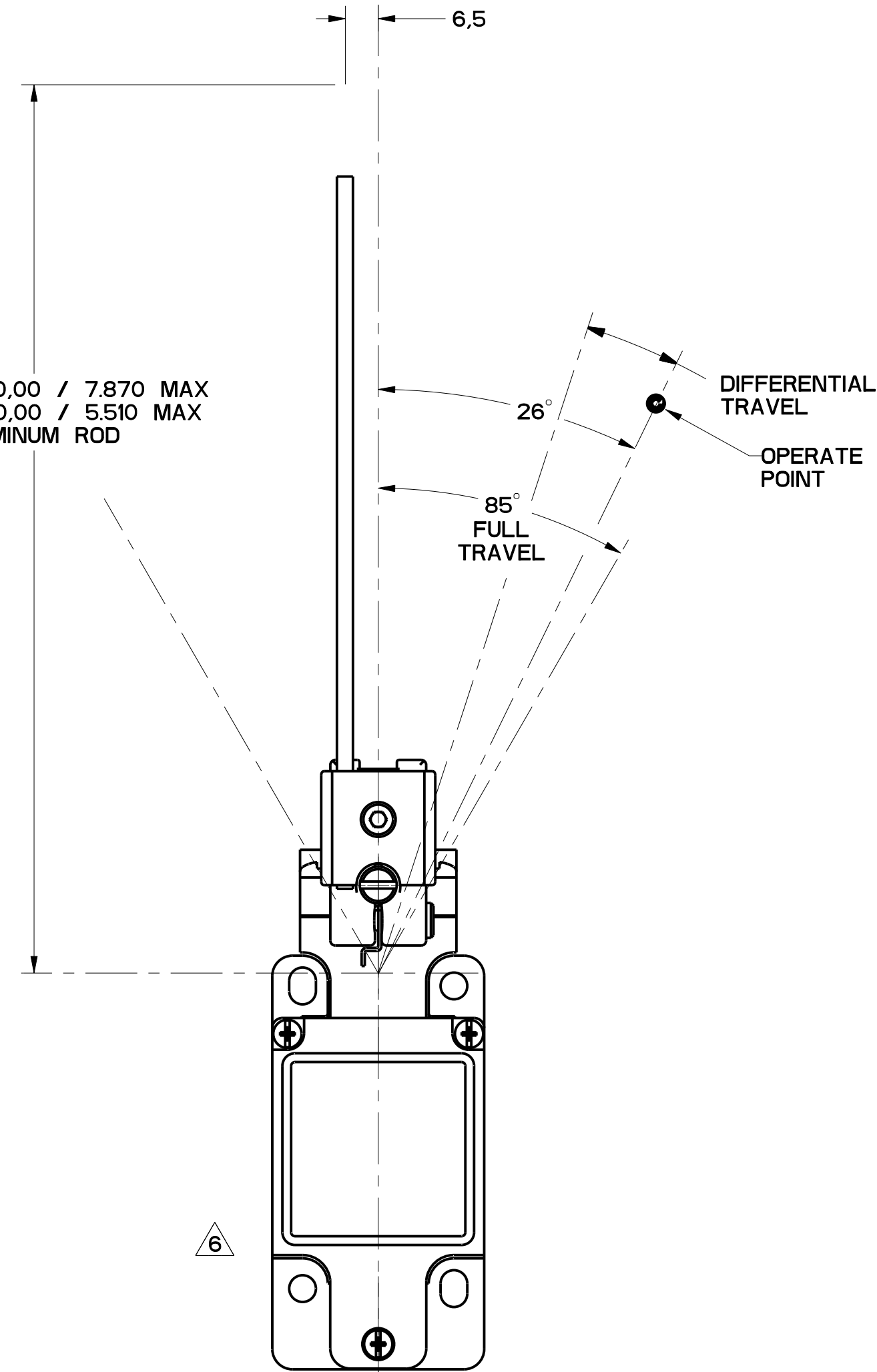


FIGURE 10

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	MAXIMUM OPERATING TORQUE $\frac{N}{LB-IN}$	MAXIMUM DISCONNECT TORQUE $\frac{N}{LB-IN}$	MAX OPERATE DEGREE/S	MIN OPERATE DEGREE/S
GL**02A*	SNAP - ACTION CONTACTS SINGLE POLE 	 12° DIFFERENTIAL TRAVEL	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13

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 DIMENSIONS IN mm	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M}{S}$ $\frac{IN}{S}$	MIN OPERATE VEL $\frac{M}{S}$ $\frac{IN}{S}$
GL**02A*	SNAP - ACTION CONTACTS SINGLE POLE 	 12 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$



FIGURE 12



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 $\frac{M/S}{IN/S}$	MIN OPERATE VEL $\frac{MM/S}{IN/S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**02E	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{2.5}{0.6}$	N/A	$\frac{5}{19.7}$	$\frac{11}{.43}$	100

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 1

	IN	MM	IN	MM
NO PLACES	0.1	0.1	0.1	0.1
ONE PLACE	0.01	0.01	0.01	0.01
TWO PLACES	0.001	0.001	0.001	0.001
THREE PLACES	0.0001	0.0001	0.0001	0.0001
ANGLES	1	1	1	1

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FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

CATALOG LISTING
GL SERIES CHART 2

SI METRIC	US CUSTOMARY
☒	☐

DESIGN UNITS

REVISIONS	
A	000000
B	000000
C	000000
D	000000
E	000000

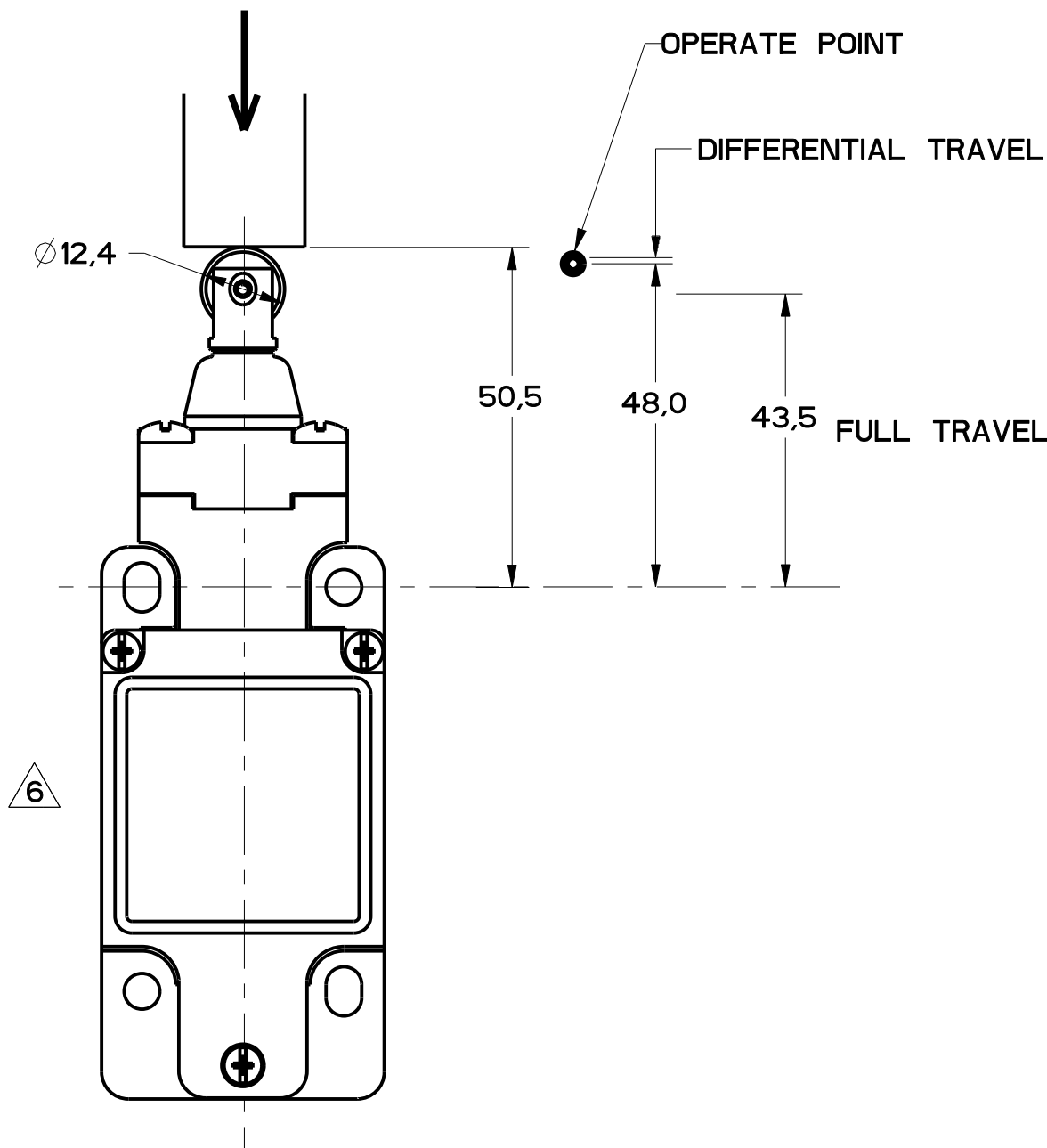


FIGURE 13A

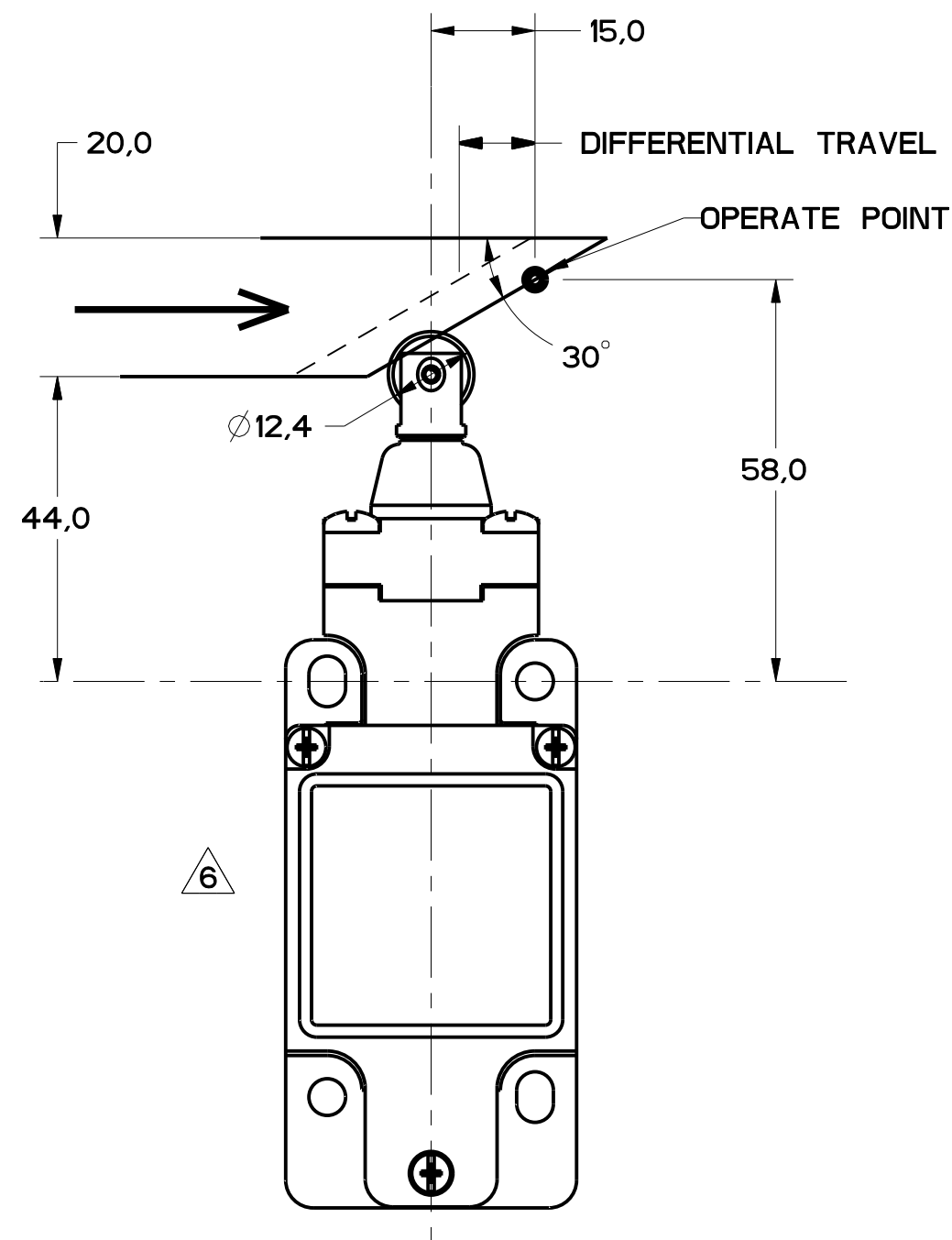


FIGURE 13B

FIGURE 13A, ROLLER PLUNGER HEAD, 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**02C	SNAP - ACTION CONTACTS SINGLE POLE 	 50.5 48 46** 43.5 21-22 13-14 0.9 DIFFERENTIAL TRAVEL	16 3.6	27 6.0	0.1 3.9	1.0 .04	250

FIGURE 13B, TOP ROLLER PLUNGER HEAD, CAM ACTUATION PER EN50041

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**02C	SNAP - ACTION CONTACTS SINGLE POLE 	 0 15 18.3** 21-22 13-14 1.8 DIFFERENTIAL TRAVEL	9.3 2.1	15.6 3.5	0.17 6.7	1.7 .067	250

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 ONE PLACE TWO PLACES THREE PLACES ANGLES	TOL mm X X.X X.XX X.XXX
DESIGN UNITS	SI METRIC X
WEIGHT	US CUSTOMARY X

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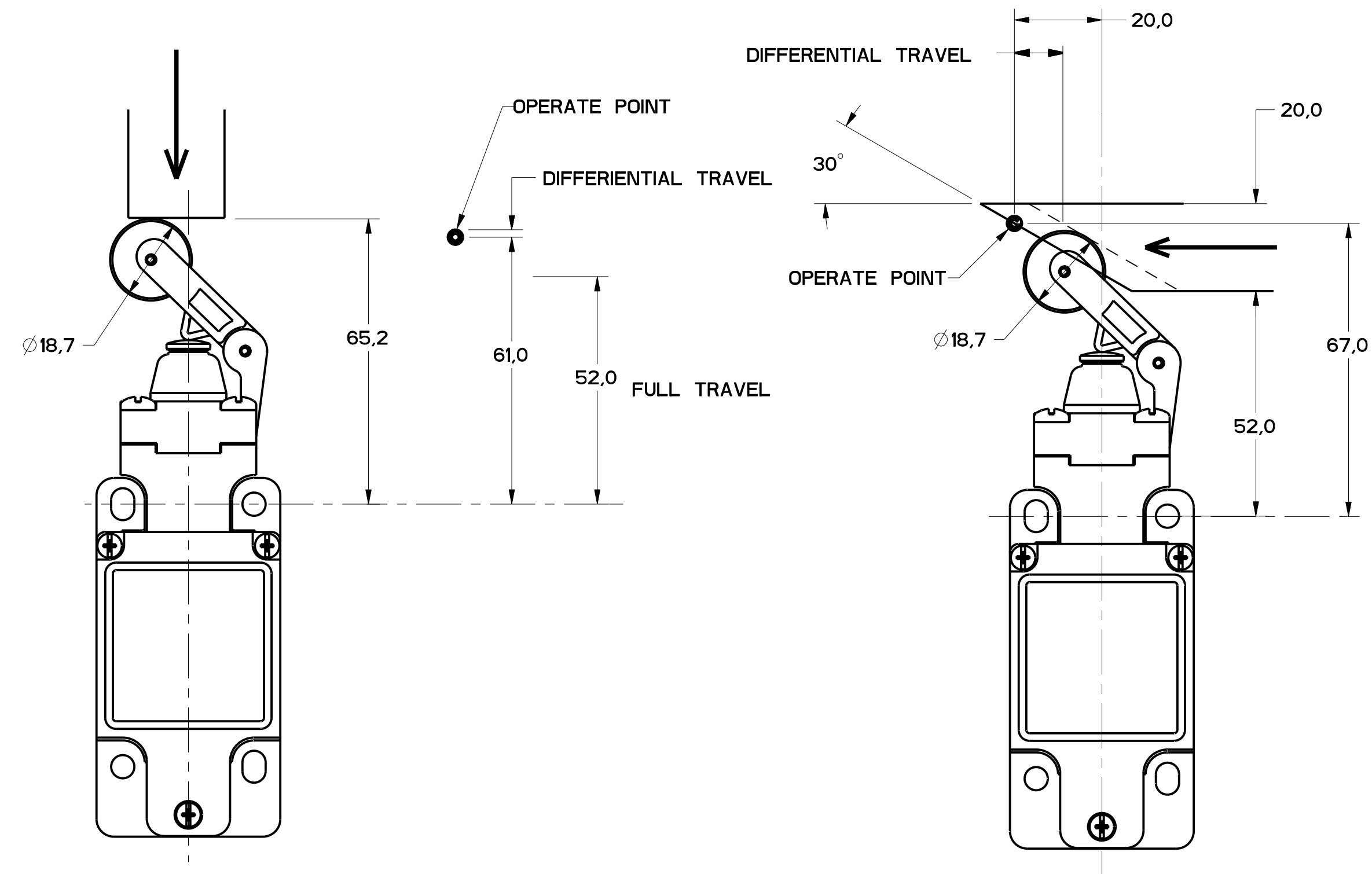


FIGURE 14A

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 LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S in/S	MIN OPERATE VEL M/S in/S
GL**02D	SNAP - ACTION CONTACTS SINGLE POLE 	 1.7 DIFFERENTIAL TRAVEL	9.5 2.1	12 2.7	0.17 6.7	1.7 .067

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
GL**02D	SNAP - ACTION CONTACTS SINGLE POLE 	 4.1 DIFFERENTIAL TRAVEL	5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11

THIRD ANGLE PROJECTION

SCALE: FULL

DO NOT SCALE PRINT

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

	DIM	TOL	DIM	TOL
NO PLACES	X	1/104	2.X	0.01/05
ONE PLACE	X.X	0.01/016	2.XX	0.001/05
TWO PLACES	X.XX	0.001/006	2.XXX	0.0001/05
THREE PLACES	X.XXX	0.0001/005		

DESIGN UNITS: SI METRIC [X] US CUSTOMARY []

WEIGHT

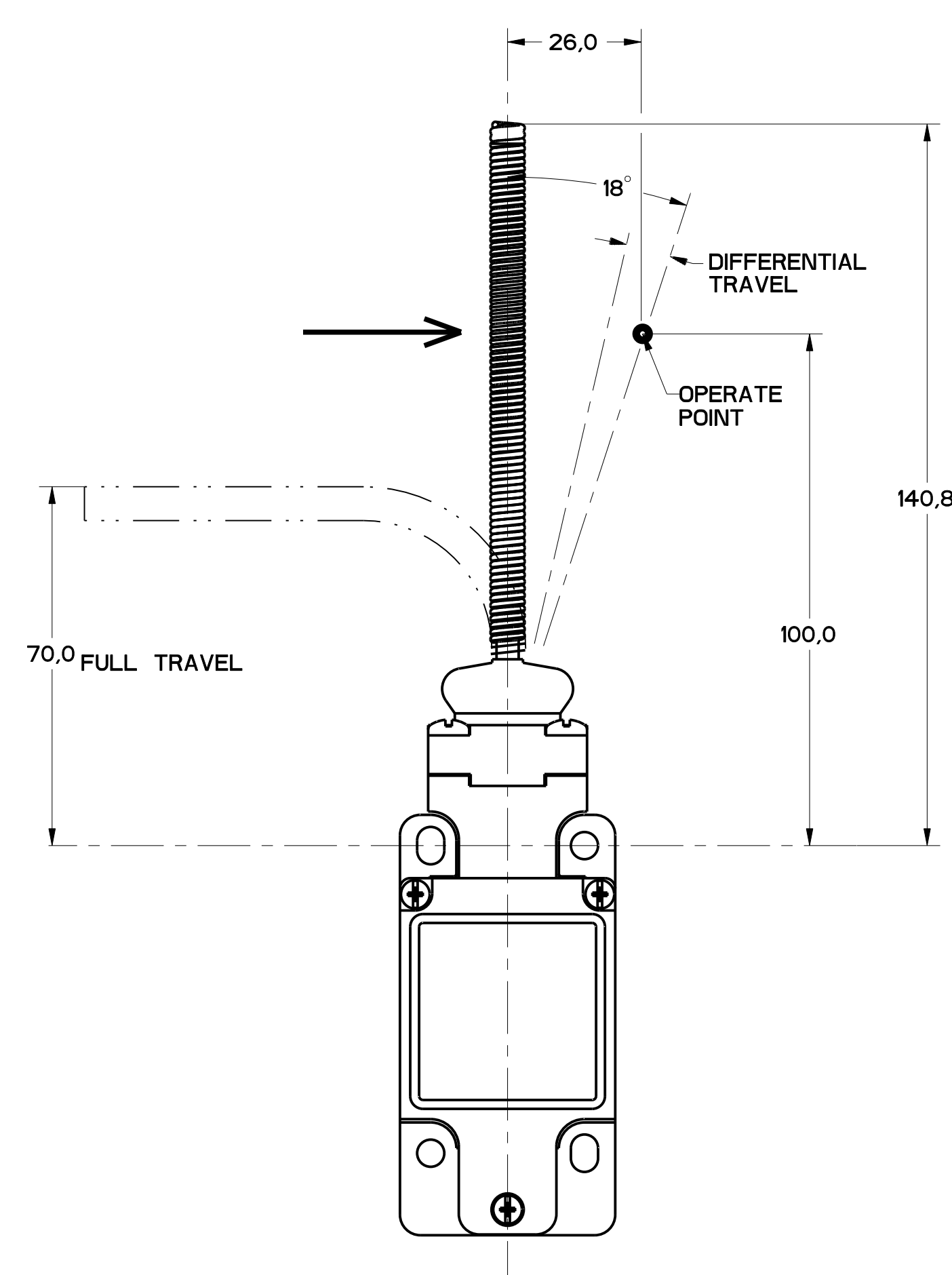


FIGURE 15

FIGURE 15, CAT WISKER HEAD, ANGULAR ACTUATION						
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED, CONTACT OPEN, DIFFERENTIAL TRAVEL	MAXIMUM OPERATING TORQUE m LB-IN	MAXIMUM DISCONNECT TORQUE m LB-IN	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S
GL**02K	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 13-14 18° 8° DIFFERENTIAL TRAVEL	0.1 .9	N/A	360	8

FIGURE 15, CAT WISKER HEAD, SIDE ACTUATION AT 100mm						
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED, CONTACT OPEN, DIFFERENTIAL TRAVEL	MAXIMUM OPERATING FORCE N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL m/s in/s	MIN OPERATE VEL m/s in/s
GL**02K	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 13-14 26 12 DIFFERENTIAL TRAVEL	1.3 .3	N/A	.5 19.7	.11 .43

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