

SIDE ROTARY

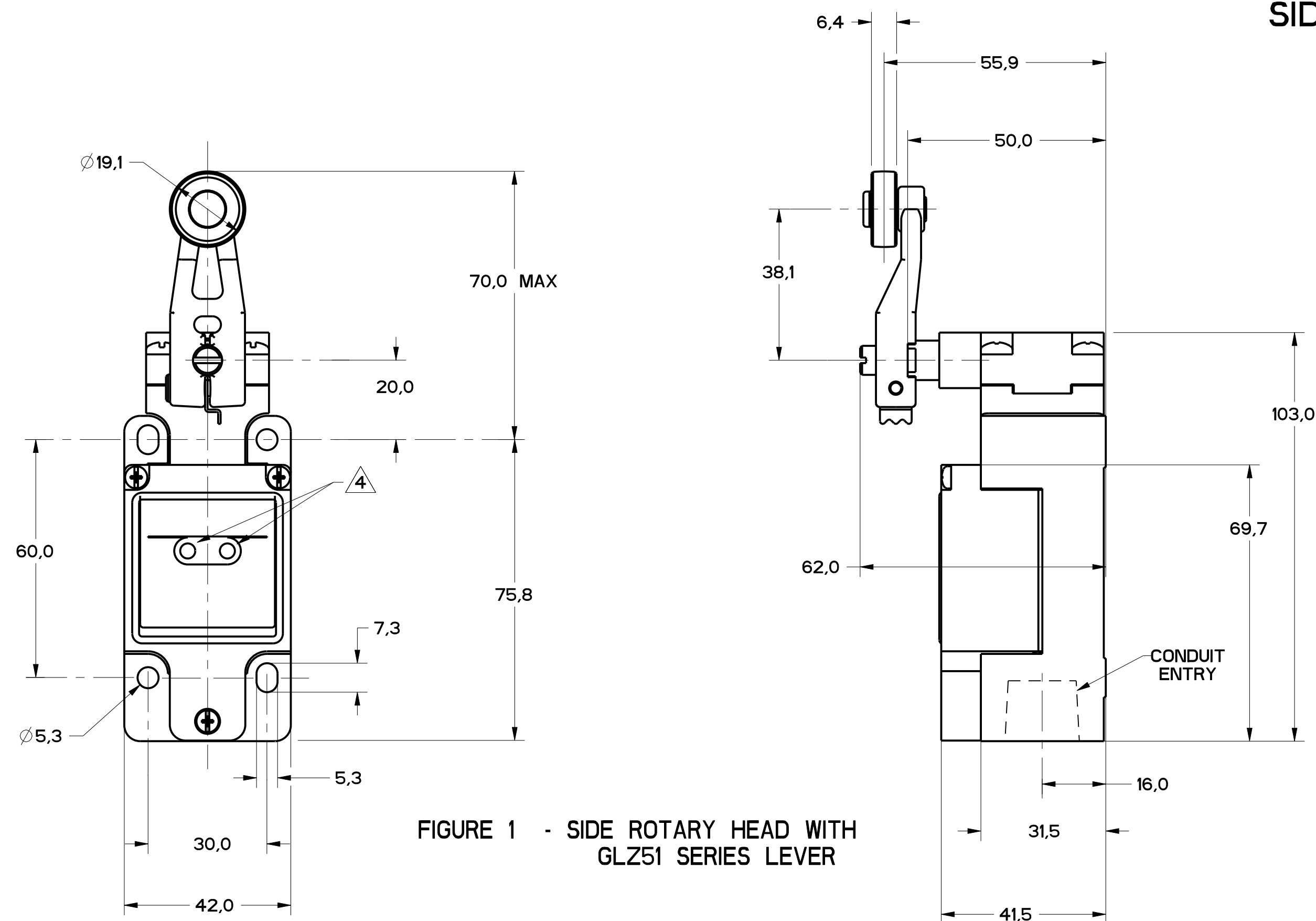


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

ALUMINUM ROD
GLZ54J: 200.00 / 7.870 MAX
GLZ54K: 140.00 / 5.510 MAX
STAINLESS STEEL ROD
GLZ54N: 318.00 / 12.490 MAX

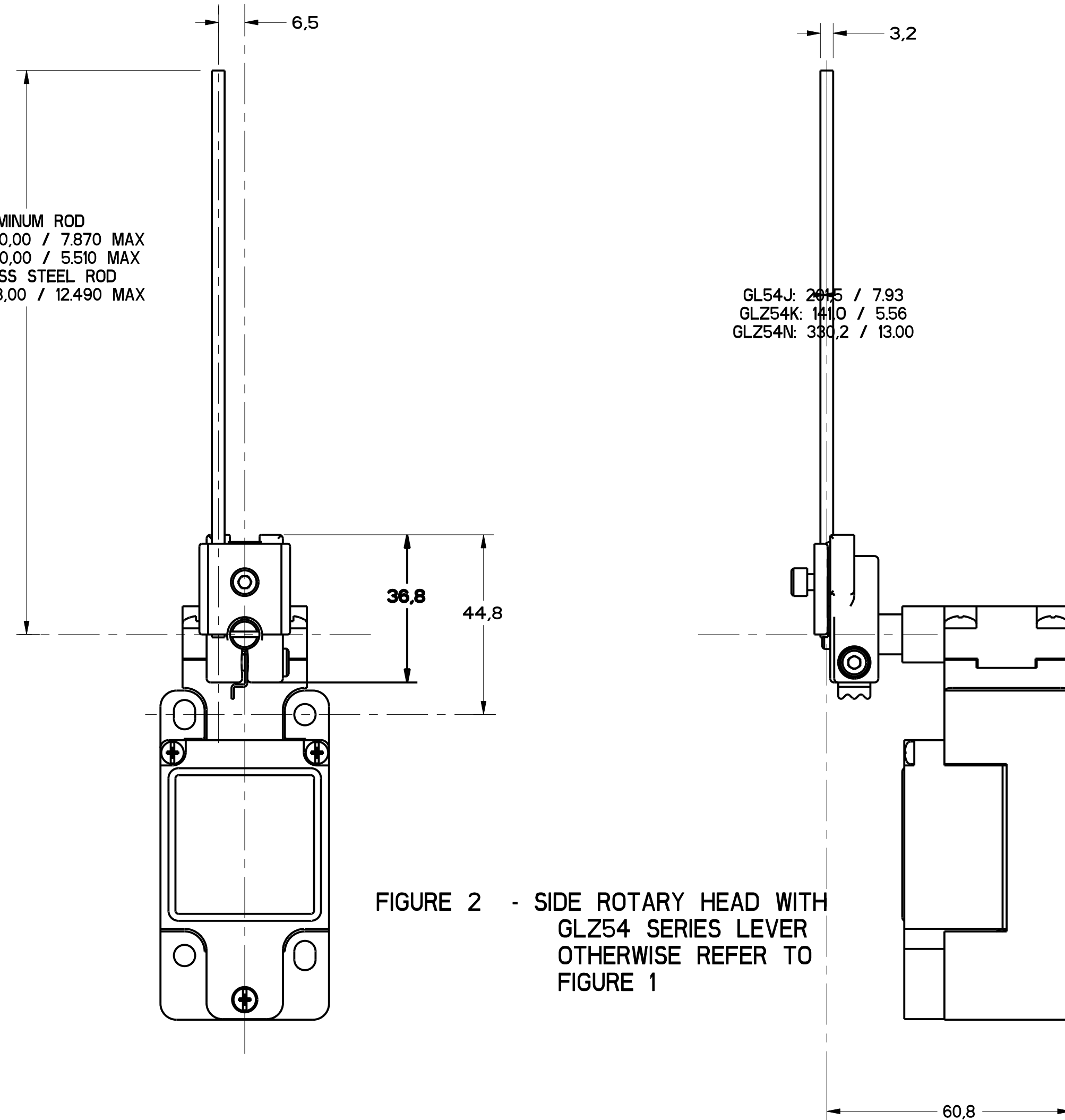


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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

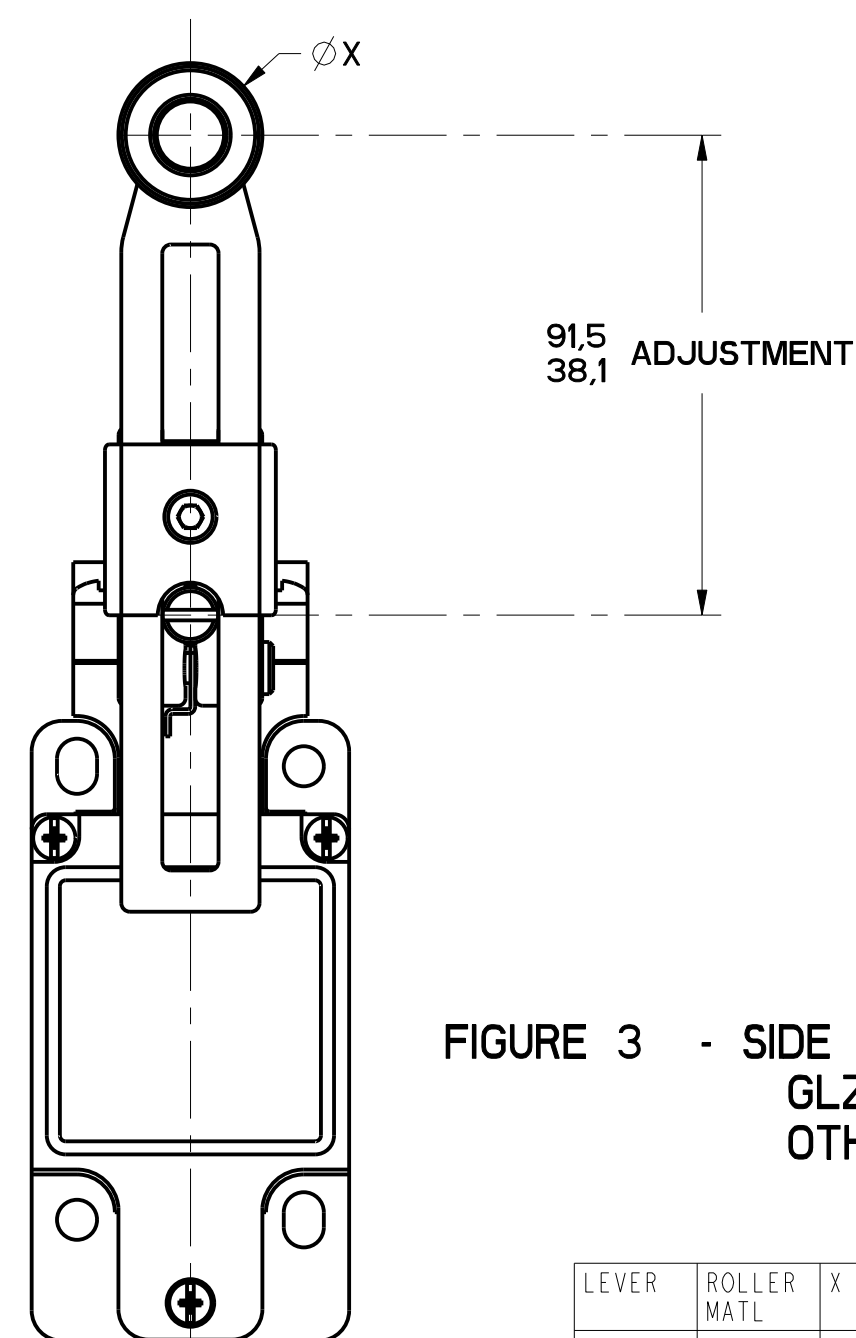


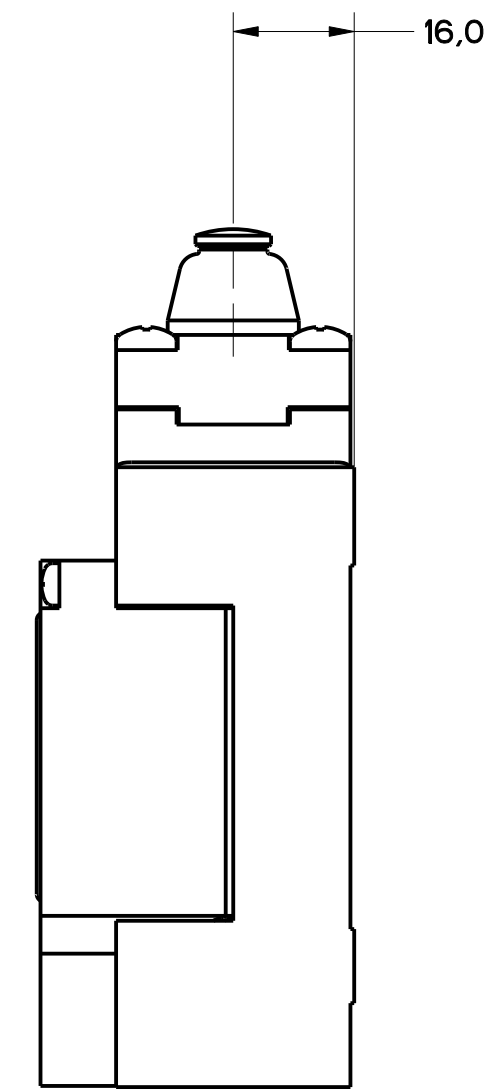
FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

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	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

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		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:				
	DM	TOL	DM	TOL
NO PLACES		0.04	2.X	0.04
ONE PLACE	X	0.01/0.05	2.XX	0.01/0.05
TWO PLACES	X.X	0.001/0.005	2.XXX	0.001/0.005
THREE PLACES	X.XX	±0.05		
ANGLES				
SI METRIC		US CUSTOMARY		
DESIGN UNITS				

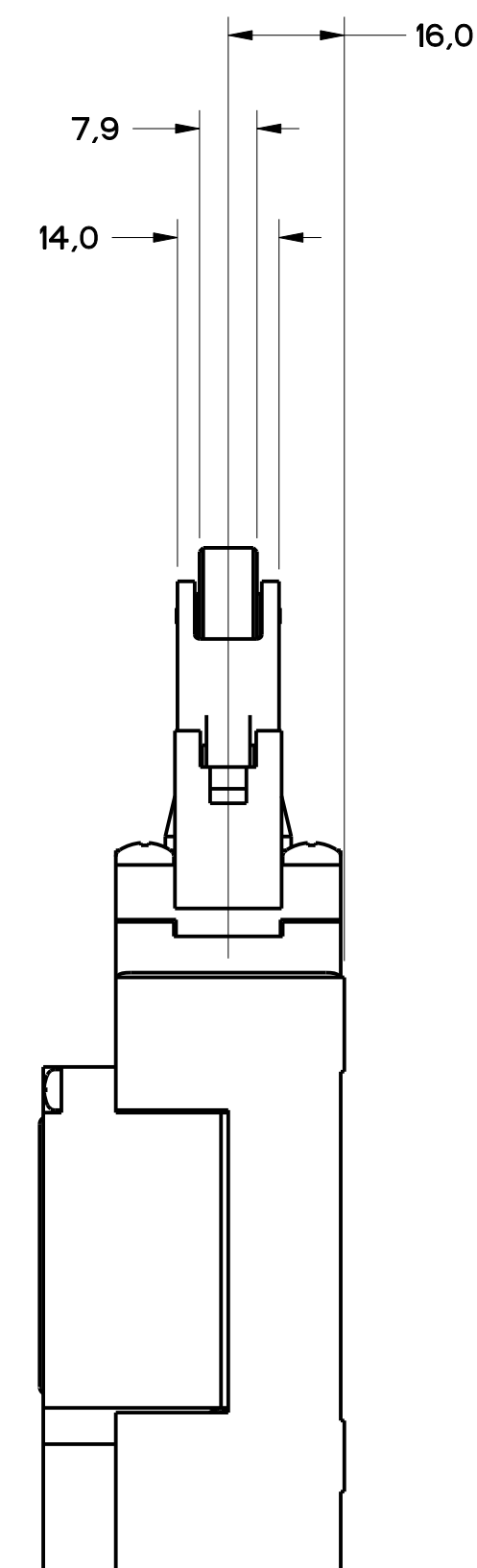


STEEL ROLLER

Ø 12,4

50,5

Technical drawing of a lamp head (Lampenkopf) showing a side view. The drawing includes two dimensions: 4,7 (width of the base) and 16,0 (width of the top section).



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 border="1"> <tr> <td>DIM</td> <td>TOL</td> <td>DIM</td> <td>TOL</td> </tr> <tr> <td>1</td> <td>0.0015"</td> <td>1</td> <td>0.0015"</td> </tr> <tr> <td>2</td> <td>0.0015"</td> <td>2</td> <td>0.0015"</td> </tr> <tr> <td>3</td> <td>0.0015"</td> <td>3</td> <td>0.0015"</td> </tr> <tr> <td>4</td> <td>0.0015"</td> <td>4</td> <td>0.0015"</td> </tr> <tr> <td>5</td> <td>0.0015"</td> <td>5</td> <td>0.0015"</td> </tr> <tr> <td>6</td> <td>0.0015"</td> <td>6</td> <td>0.0015"</td> </tr> <tr> <td>7</td> <td>0.0015"</td> <td>7</td> <td>0.0015"</td> </tr> <tr> <td>8</td> <td>0.0015"</td> <td>8</td> <td>0.0015"</td> </tr> <tr> <td>9</td> <td>0.0015"</td> <td>9</td> <td>0.0015"</td> </tr> <tr> <td>10</td> <td>0.0015"</td> <td>10</td> <td>0.0015"</td> </tr> <tr> <td>11</td> <td>0.0015"</td> <td>11</td> <td>0.0015"</td> </tr> <tr> <td>12</td> <td>0.0015"</td> <td>12</td> <td>0.0015"</td> </tr> <tr> <td>13</td> <td>0.0015"</td> <td>13</td> <td>0.0015"</td> </tr> <tr> <td>14</td> <td>0.0015"</td> <td>14</td> <td>0.0015"</td> </tr> <tr> <td>15</td> <td>0.0015"</td> <td>15</td> <td>0.0015"</td> </tr> <tr> <td>16</td> <td>0.0015"</td> <td>16</td> <td>0.0015"</td> </tr> <tr> <td>17</td> <td>0.0015"</td> <td>17</td> <td>0.0015"</td> </tr> <tr> <td>18</td> <td>0.0015"</td> <td>18</td> <td>0.0015"</td> </tr> <tr> <td>19</td> <td>0.0015"</td> <td>19</td> <td>0.0015"</td> </tr> <tr> <td>20</td> <td>0.0015"</td> <td>20</td> <td>0.0015"</td> </tr> <tr> <td>21</td> <td>0.0015"</td> <td>21</td> <td>0.0015"</td> </tr> <tr> <td>22</td> <td>0.0015"</td> <td>22</td> <td>0.0015"</td> </tr> <tr> <td>23</td> <td>0.0015"</td> <td>23</td> <td>0.0015"</td> </tr> <tr> <td>24</td> <td>0.0015"</td> <td>24</td> <td>0.0015"</td> </tr> <tr> <td>25</td> <td>0.0015"</td> <td>25</td> <td>0.0015"</td> </tr> <tr> <td>26</td> <td>0.0015"</td> <td>26</td> <td>0.0015"</td> </tr> <tr> <td>27</td> <td>0.0015"</td> <td>27</td> <td>0.0015"</td> </tr> <tr> <td>28</td> <td>0.0015"</td> <td>28</td> <td>0.0015"</td> </tr> <tr> <td>29</td> <td>0.0015"</td> <td>29</td> <td>0.0015"</td> </tr> <tr> <td>30</td> <td>0.0015"</td> <td>30</td> <td>0.0015"</td> </tr> <tr> <td>31</td> <td>0.0015"</td> <td>31</td> <td>0.0015"</td> </tr> <tr> <td>32</td> <td>0.0015"</td> <td>32</td> <td>0.0015"</td> </tr> <tr> <td>33</td> <td>0.0015"</td> <td>33</td> <td>0.0015"</td> </tr> <tr> <td>34</td> <td>0.0015"</td> <td>34</td> <td>0.0015"</td> </tr> <tr> <td>35</td> <td>0.0015"</td> <td>35</td> <td>0.0015"</td> </tr> <tr> <td>36</td> <td>0.0015"</td> <td>36</td> <td>0.0015"</td> </tr> <tr> <td>37</td> <td>0.0015"</td> <td>37</td> <td>0.0015"</td> </tr> <tr> <td>38</td> <td>0.0015"</td> <td>38</td> <td>0.0015"</td> </tr> <tr> <td>39</td> <td>0.0015"</td> <td>39</td> <td>0.0015"</td> </tr> <tr> <td>40</td> <td>0.0015"</td> <td>40</td> <td>0.0015"</td> </tr> <tr> <td>41</td> <td>0.0015"</td> <td>41</td> <td>0.0015"</td> </tr> <tr> <td>42</td> <td>0.0015"</td> <td>42</td> <td>0.0015"</td> </tr> <tr> <td>43</td> <td>0.0015"</td> <td>43</td> <td>0.0015"</td> </tr> <tr> <td>44</td> <td>0.0015"</td> <td>44</td> <td>0.0015"</td> </tr> <tr> <td>45</td> <td>0.0015"</td> <td>45</td> <td>0.0015"</td> </tr> <tr> <td>46</td> <td>0.0015"</td> <td>46</td> <td>0.0015"</td> </tr> <tr> <td>47</td> <td>0.0015"</td> <td>47</td> <td>0.0015"</td> </tr> <tr> <td>48</td> <td>0.0015"</td> <td>48</td> <td>0.0015"</td> </tr> <tr> <td>49</td> <td>0.0015"</td> <td>49</td> <td>0.0015"</td> </tr> <tr> <td>50</td> <td>0.0015"</td> <td>50</td> <td>0.0015"</td> </tr> <tr> <td>51</td> <td>0.0015"</td> <td>51</td> <td>0.0015"</td> </tr> <tr> <td>52</td> <td>0.0015"</td> <td>52</td> <td>0.0015"</td> </tr> <tr> <td>53</td> <td>0.0015"</td> <td>53</td> <td>0.0015"</td> </tr> <tr> <td>54</td> <td>0.0015"</td> <td>54</td> <td>0.0015"</td> </tr> <tr> <td>55</td> <td>0.0015"</td> <td>55</td> <td>0.0015"</td> </tr> <tr> <td>56</td> <td>0.0015"</td> <td>56</td> <td>0.0015"</td> </tr> <tr> <td>57</td> <td>0.0015"</td> <td>57</td> <td>0.0015"</td> </tr> <tr> <td>58</td> <td>0.0015"</td> <td>58</td> <td>0.0015"</td> </tr> <tr> <td>59</td> <td>0.0015"</td> <td>59</td> <td>0.0015"</td> </tr> <tr> <td>60</td> <td>0.0015"</td> <td>60</td> <td>0.0015"</td> </tr> <tr> <td>61</td> <td>0.0015"</td> <td>61</td> <td>0.0015"</td> </tr> <tr> <td>62</td> <td>0.0015"</td> <td>62</td> <td>0.0015"</td> </tr> <tr> <td>63</td> <td>0.0015"</td> <td>63</td> <td>0.0015"</td> </tr> <tr> <td>64</td> <td>0.0015"</td> <td>64</td> <td>0.0015"</td> </tr> <tr> <td>65</td> <td>0.0015"</td> <td>65</td> <td>0.0015"</td> </tr> <tr> <td>66</td> <td>0.0015"</td> <td>66</td> <td>0.0015"</td> </tr> <tr> <td>67</td> <td>0.0015"</td> <td>67</td> <td>0.0015"</td> </tr> <tr> <td>68</td> <td>0.0015"</td> <td>68</td> <td>0.0015"</td> </tr> <tr> <td>69</td> <td>0.0015"</td> <td>69</td> <td>0.0015"</td> </tr> <tr> <td>70</td> <td>0.0015"</td> <td>70</td> <td>0.0015"</td> </tr> <tr> <td>71</td> <td>0.0015"</td> <td>71</td> <td>0.0015"</td> </tr> <tr> <td>72</td> <td>0.0015"</td> <td>72</td> <td>0.0015"</td> </tr> <tr> <td>73</td> <td>0.0015"</td> <td>73</td> <td>0.0015"</td> </tr> <tr> <td>74</td> <td>0.0015"</td> <td>74</td> <td>0.0015"</td> </tr> <tr> <td>75</td> <td>0.0015"</td> <td>75</td> <td>0.0015"</td> </tr> <tr> <td>76</td> <td>0.0015"</td> <td>76</td> <td>0.0015"</td> </tr> <tr> <td>77</td> <td>0.0015"</td> <td>77</td> <td>0.0015"</td> </tr> <tr> <td>78</td> <td>0.0015"</td> <td>78</td> <td>0.0015"</td> </tr> <tr> <td>79</td> <td>0.0015"</td> <td>79</td> <td>0.0015"</td> </tr> <tr> <td>80</td> <td>0.0015"</td> <td>80</td> <td>0.0015"</td> </tr> <tr> <td>81</td> <td>0.0015"</td> <td>81</td> <td>0.0015"</td> </tr> <tr> <td>82</td> <td>0.0015"</td> <td>82</td> <td>0.0015"</td> </tr> <tr> <td>83</td> <td>0.0015"</td> <td>83</td> <td>0.0015"</td> </tr> <tr> <td>84</td> <td>0.0015"</td> <td>84</td> <td>0.0015"</td> </tr> <tr> <td>85</td> <td>0.0015"</td> <td>85</td> <td>0.0015"</td> </tr> <tr> <td>86</td></tr></table>		DIM	TOL	DIM	TOL	1	0.0015"	1	0.0015"	2	0.0015"	2	0.0015"	3	0.0015"	3	0.0015"	4	0.0015"	4	0.0015"	5	0.0015"	5	0.0015"	6	0.0015"	6	0.0015"	7	0.0015"	7	0.0015"	8	0.0015"	8	0.0015"	9	0.0015"	9	0.0015"	10	0.0015"	10	0.0015"	11	0.0015"	11	0.0015"	12	0.0015"	12	0.0015"	13	0.0015"	13	0.0015"	14	0.0015"	14	0.0015"	15	0.0015"	15	0.0015"	16	0.0015"	16	0.0015"	17	0.0015"	17	0.0015"	18	0.0015"	18	0.0015"	19	0.0015"	19	0.0015"	20	0.0015"	20	0.0015"	21	0.0015"	21	0.0015"	22	0.0015"	22	0.0015"	23	0.0015"	23	0.0015"	24	0.0015"	24	0.0015"	25	0.0015"	25	0.0015"	26	0.0015"	26	0.0015"	27	0.0015"	27	0.0015"	28	0.0015"	28	0.0015"	29	0.0015"	29	0.0015"	30	0.0015"	30	0.0015"	31	0.0015"	31	0.0015"	32	0.0015"	32	0.0015"	33	0.0015"	33	0.0015"	34	0.0015"	34	0.0015"	35	0.0015"	35	0.0015"	36	0.0015"	36	0.0015"	37	0.0015"	37	0.0015"	38	0.0015"	38	0.0015"	39	0.0015"	39	0.0015"	40	0.0015"	40	0.0015"	41	0.0015"	41	0.0015"	42	0.0015"	42	0.0015"	43	0.0015"	43	0.0015"	44	0.0015"	44	0.0015"	45	0.0015"	45	0.0015"	46	0.0015"	46	0.0015"	47	0.0015"	47	0.0015"	48	0.0015"	48	0.0015"	49	0.0015"	49	0.0015"	50	0.0015"	50	0.0015"	51	0.0015"	51	0.0015"	52	0.0015"	52	0.0015"	53	0.0015"	53	0.0015"	54	0.0015"	54	0.0015"	55	0.0015"	55	0.0015"	56	0.0015"	56	0.0015"	57	0.0015"	57	0.0015"	58	0.0015"	58	0.0015"	59	0.0015"	59	0.0015"	60	0.0015"	60	0.0015"	61	0.0015"	61	0.0015"	62	0.0015"	62	0.0015"	63	0.0015"	63	0.0015"	64	0.0015"	64	0.0015"	65	0.0015"	65	0.0015"	66	0.0015"	66	0.0015"	67	0.0015"	67	0.0015"	68	0.0015"	68	0.0015"	69	0.0015"	69	0.0015"	70	0.0015"	70	0.0015"	71	0.0015"	71	0.0015"	72	0.0015"	72	0.0015"	73	0.0015"	73	0.0015"	74	0.0015"	74	0.0015"	75	0.0015"	75	0.0015"	76	0.0015"	76	0.0015"	77	0.0015"	77	0.0015"	78	0.0015"	78	0.0015"	79	0.0015"	79	0.0015"	80	0.0015"	80	0.0015"	81	0.0015"	81	0.0015"	82	0.0015"	82	0.0015"	83	0.0015"	83	0.0015"	84	0.0015"	84	0.0015"	85	0.0015"	85	0.0015"	86
DIM	TOL	DIM	TOL																																																																																																																																																																																																																																																																																																																																																									
1	0.0015"	1	0.0015"																																																																																																																																																																																																																																																																																																																																																									
2	0.0015"	2	0.0015"																																																																																																																																																																																																																																																																																																																																																									
3	0.0015"	3	0.0015"																																																																																																																																																																																																																																																																																																																																																									
4	0.0015"	4	0.0015"																																																																																																																																																																																																																																																																																																																																																									
5	0.0015"	5	0.0015"																																																																																																																																																																																																																																																																																																																																																									
6	0.0015"	6	0.0015"																																																																																																																																																																																																																																																																																																																																																									
7	0.0015"	7	0.0015"																																																																																																																																																																																																																																																																																																																																																									
8	0.0015"	8	0.0015"																																																																																																																																																																																																																																																																																																																																																									
9	0.0015"	9	0.0015"																																																																																																																																																																																																																																																																																																																																																									
10	0.0015"	10	0.0015"																																																																																																																																																																																																																																																																																																																																																									
11	0.0015"	11	0.0015"																																																																																																																																																																																																																																																																																																																																																									
12	0.0015"	12	0.0015"																																																																																																																																																																																																																																																																																																																																																									
13	0.0015"	13	0.0015"																																																																																																																																																																																																																																																																																																																																																									
14	0.0015"	14	0.0015"																																																																																																																																																																																																																																																																																																																																																									
15	0.0015"	15	0.0015"																																																																																																																																																																																																																																																																																																																																																									
16	0.0015"	16	0.0015"																																																																																																																																																																																																																																																																																																																																																									
17	0.0015"	17	0.0015"																																																																																																																																																																																																																																																																																																																																																									
18	0.0015"	18	0.0015"																																																																																																																																																																																																																																																																																																																																																									
19	0.0015"	19	0.0015"																																																																																																																																																																																																																																																																																																																																																									
20	0.0015"	20	0.0015"																																																																																																																																																																																																																																																																																																																																																									
21	0.0015"	21	0.0015"																																																																																																																																																																																																																																																																																																																																																									
22	0.0015"	22	0.0015"																																																																																																																																																																																																																																																																																																																																																									
23	0.0015"	23	0.0015"																																																																																																																																																																																																																																																																																																																																																									
24	0.0015"	24	0.0015"																																																																																																																																																																																																																																																																																																																																																									
25	0.0015"	25	0.0015"																																																																																																																																																																																																																																																																																																																																																									
26	0.0015"	26	0.0015"																																																																																																																																																																																																																																																																																																																																																									
27	0.0015"	27	0.0015"																																																																																																																																																																																																																																																																																																																																																									
28	0.0015"	28	0.0015"																																																																																																																																																																																																																																																																																																																																																									
29	0.0015"	29	0.0015"																																																																																																																																																																																																																																																																																																																																																									
30	0.0015"	30	0.0015"																																																																																																																																																																																																																																																																																																																																																									
31	0.0015"	31	0.0015"																																																																																																																																																																																																																																																																																																																																																									
32	0.0015"	32	0.0015"																																																																																																																																																																																																																																																																																																																																																									
33	0.0015"	33	0.0015"																																																																																																																																																																																																																																																																																																																																																									
34	0.0015"	34	0.0015"																																																																																																																																																																																																																																																																																																																																																									
35	0.0015"	35	0.0015"																																																																																																																																																																																																																																																																																																																																																									
36	0.0015"	36	0.0015"																																																																																																																																																																																																																																																																																																																																																									
37	0.0015"	37	0.0015"																																																																																																																																																																																																																																																																																																																																																									
38	0.0015"	38	0.0015"																																																																																																																																																																																																																																																																																																																																																									
39	0.0015"	39	0.0015"																																																																																																																																																																																																																																																																																																																																																									
40	0.0015"	40	0.0015"																																																																																																																																																																																																																																																																																																																																																									
41	0.0015"	41	0.0015"																																																																																																																																																																																																																																																																																																																																																									
42	0.0015"	42	0.0015"																																																																																																																																																																																																																																																																																																																																																									
43	0.0015"	43	0.0015"																																																																																																																																																																																																																																																																																																																																																									
44	0.0015"	44	0.0015"																																																																																																																																																																																																																																																																																																																																																									
45	0.0015"	45	0.0015"																																																																																																																																																																																																																																																																																																																																																									
46	0.0015"	46	0.0015"																																																																																																																																																																																																																																																																																																																																																									
47	0.0015"	47	0.0015"																																																																																																																																																																																																																																																																																																																																																									
48	0.0015"	48	0.0015"																																																																																																																																																																																																																																																																																																																																																									
49	0.0015"	49	0.0015"																																																																																																																																																																																																																																																																																																																																																									
50	0.0015"	50	0.0015"																																																																																																																																																																																																																																																																																																																																																									
51	0.0015"	51	0.0015"																																																																																																																																																																																																																																																																																																																																																									
52	0.0015"	52	0.0015"																																																																																																																																																																																																																																																																																																																																																									
53	0.0015"	53	0.0015"																																																																																																																																																																																																																																																																																																																																																									
54	0.0015"	54	0.0015"																																																																																																																																																																																																																																																																																																																																																									
55	0.0015"	55	0.0015"																																																																																																																																																																																																																																																																																																																																																									
56	0.0015"	56	0.0015"																																																																																																																																																																																																																																																																																																																																																									
57	0.0015"	57	0.0015"																																																																																																																																																																																																																																																																																																																																																									
58	0.0015"	58	0.0015"																																																																																																																																																																																																																																																																																																																																																									
59	0.0015"	59	0.0015"																																																																																																																																																																																																																																																																																																																																																									
60	0.0015"	60	0.0015"																																																																																																																																																																																																																																																																																																																																																									
61	0.0015"	61	0.0015"																																																																																																																																																																																																																																																																																																																																																									
62	0.0015"	62	0.0015"																																																																																																																																																																																																																																																																																																																																																									
63	0.0015"	63	0.0015"																																																																																																																																																																																																																																																																																																																																																									
64	0.0015"	64	0.0015"																																																																																																																																																																																																																																																																																																																																																									
65	0.0015"	65	0.0015"																																																																																																																																																																																																																																																																																																																																																									
66	0.0015"	66	0.0015"																																																																																																																																																																																																																																																																																																																																																									
67	0.0015"	67	0.0015"																																																																																																																																																																																																																																																																																																																																																									
68	0.0015"	68	0.0015"																																																																																																																																																																																																																																																																																																																																																									
69	0.0015"	69	0.0015"																																																																																																																																																																																																																																																																																																																																																									
70	0.0015"	70	0.0015"																																																																																																																																																																																																																																																																																																																																																									
71	0.0015"	71	0.0015"																																																																																																																																																																																																																																																																																																																																																									
72	0.0015"	72	0.0015"																																																																																																																																																																																																																																																																																																																																																									
73	0.0015"	73	0.0015"																																																																																																																																																																																																																																																																																																																																																									
74	0.0015"	74	0.0015"																																																																																																																																																																																																																																																																																																																																																									
75	0.0015"	75	0.0015"																																																																																																																																																																																																																																																																																																																																																									
76	0.0015"	76	0.0015"																																																																																																																																																																																																																																																																																																																																																									
77	0.0015"	77	0.0015"																																																																																																																																																																																																																																																																																																																																																									
78	0.0015"	78	0.0015"																																																																																																																																																																																																																																																																																																																																																									
79	0.0015"	79	0.0015"																																																																																																																																																																																																																																																																																																																																																									
80	0.0015"	80	0.0015"																																																																																																																																																																																																																																																																																																																																																									
81	0.0015"	81	0.0015"																																																																																																																																																																																																																																																																																																																																																									
82	0.0015"	82	0.0015"																																																																																																																																																																																																																																																																																																																																																									
83	0.0015"	83	0.0015"																																																																																																																																																																																																																																																																																																																																																									
84	0.0015"	84	0.0015"																																																																																																																																																																																																																																																																																																																																																									
85	0.0015"	85	0.0015"																																																																																																																																																																																																																																																																																																																																																									
86																																																																																																																																																																																																																																																																																																																																																												

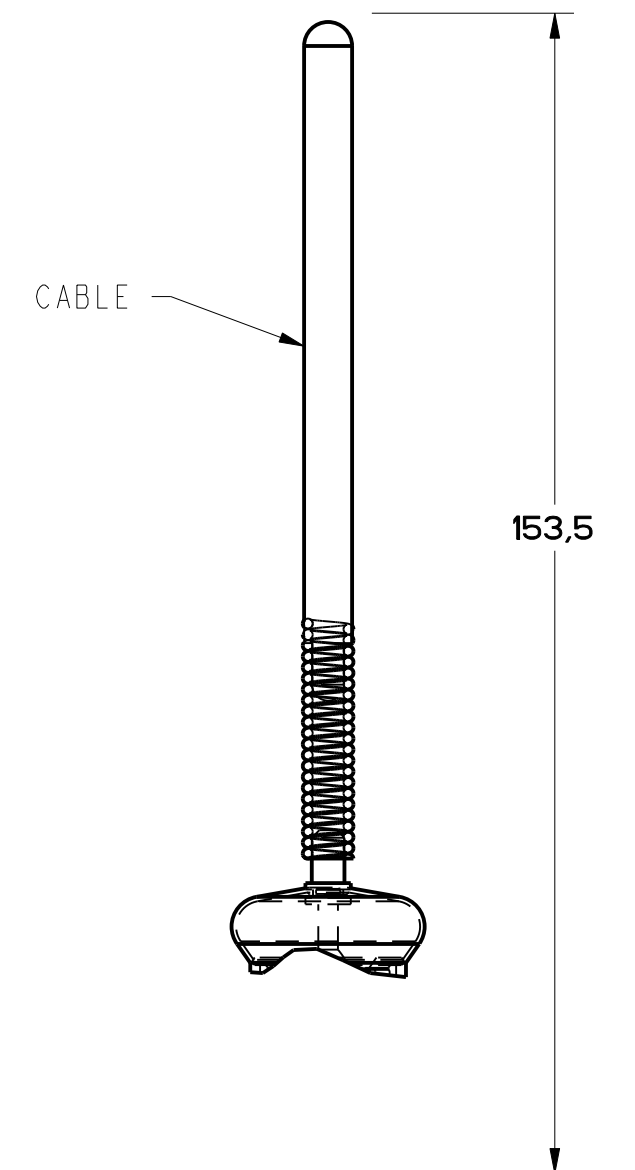
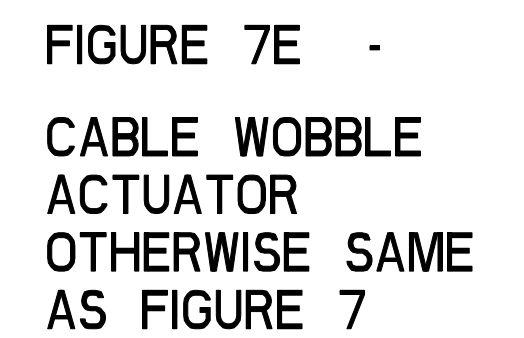
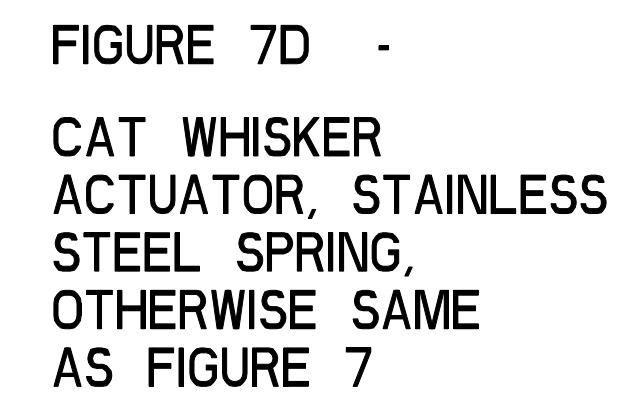
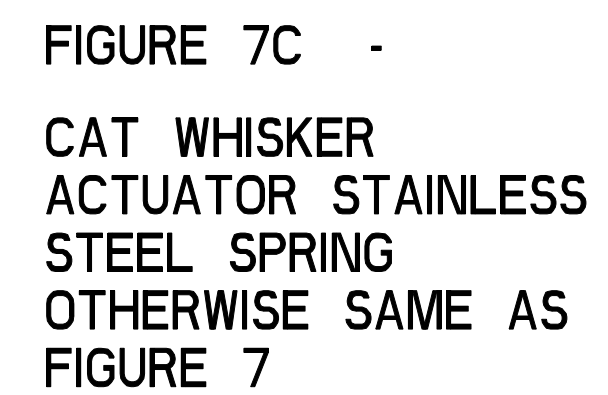
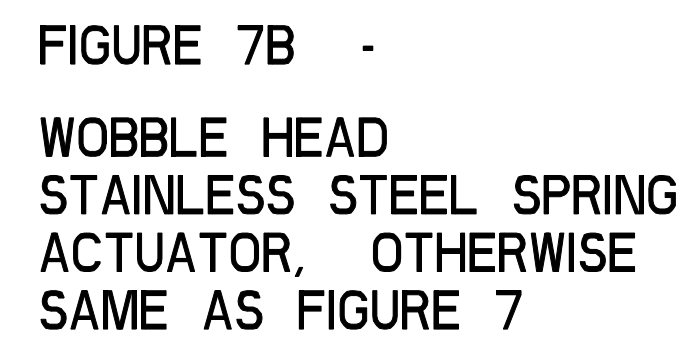
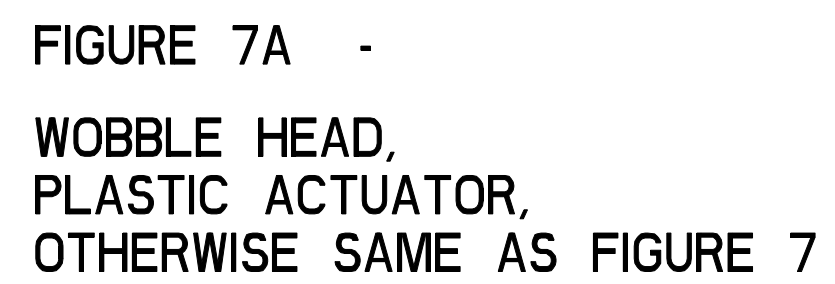


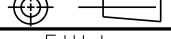
FIGURE 7 - WOBBLE HEAD, AND CAT WHISKER HEAD
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

CATALOG LISTING

GL SERIES CHART 2

THIRD ANGLE PROJECTION			
	FULL		
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS, CONVERSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED, TOLERANCES ARE:			
DIM	TOL	DIM	TOL
mm	mm	in	in
NO PLACES	X 1/16 - 0.004	1 E	0.001/0.03
ONE PLACE	X 1/8 - 0.01/0.06	2 E	0.005/0.05
TWO PLACES	X 1/4 - 0.03/0.12	3 E	0.01/0.05
THREE PLACES	X 1/2 - 0.15/0.06	4 E	0.03/0.005
FOUR PLACES	X 1 - 0.5/0.001	5 E	0.001/0.001
± METRIC		US CUSTOMARY	
DESIGN UNITS mm		DESIGN UNITS in	
WEIGHT		WEIGHT	



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 m/s in/s	MAX. OPERATE FREQUENCY OPS/MIN
GL**02A*	Snap - Action Contacts Single Pole 	0 20 56** > < 21-22 13-14 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	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.		<table><tr><td>DIM mm</td><td>TOL mm (+/-)</td><td>DIM in</td><td>TOL in (+/-)</td></tr><tr><td>NO PLACES</td><td>X</td><td>1/32</td><td>0.0015</td></tr><tr><td>ONE PLACE</td><td>X, X</td><td>0.4/0.016</td><td>0.0015</td></tr><tr><td>TWO PLACES</td><td>X, X</td><td>0.15/0.008</td><td>0.0015</td></tr><tr><td>THREE PLACES</td><td></td><td>± 0.2</td><td>0.0015</td></tr><tr><td>ANGLES</td><td></td><td></td><td></td></tr></table>		DIM mm	TOL mm (+/-)	DIM in	TOL in (+/-)	NO PLACES	X	1/32	0.0015	ONE PLACE	X, X	0.4/0.016	0.0015	TWO PLACES	X, X	0.15/0.008	0.0015	THREE PLACES		± 0.2	0.0015	ANGLES			
DIM mm	TOL mm (+/-)	DIM in	TOL in (+/-)																								
NO PLACES	X	1/32	0.0015																								
ONE PLACE	X, X	0.4/0.016	0.0015																								
TWO PLACES	X, X	0.15/0.008	0.0015																								
THREE PLACES		± 0.2	0.0015																								
ANGLES																											
FED. MFG. CODE 91929	CATALOG LISTING																										
 MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 2	<table><tr><td>SI METRIC</td><td>US CUSTOMARY</td></tr><tr><td>DESIGN UNITS</td><td>☒</td></tr></table>	SI METRIC	US CUSTOMARY	DESIGN UNITS	☒																				
		SI METRIC	US CUSTOMARY																								
DESIGN UNITS	☒																										
WEIGHT																											



FIGURE 12

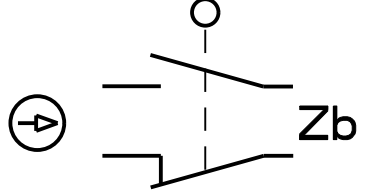
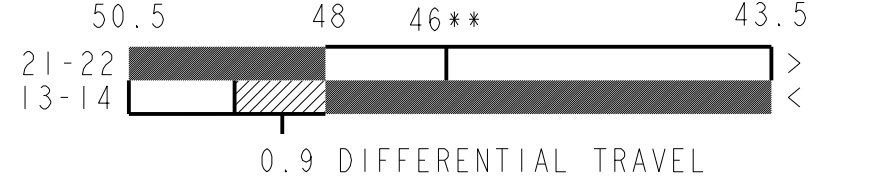


FIGURE 12, WOBBLE HEAD, SIDE ACTUATION AT 100mm							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT 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 	21-22 26 13-14 12 DIFFERENTIAL TRAVEL	$\frac{2.5}{0.6}$	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 :																					
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 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>TOL DIM</th> <th>FRA DIM</th> <th>TOL HOLE/1/16</th> </tr> </thead> <tbody> <tr> <td>NO PLACES</td> <td>X</td> <td>1/16, 01</td> <td>0.0103</td> </tr> <tr> <td>TWO PLACES</td> <td>X, XX</td> <td>0.01, 016</td> <td>0.0103</td> </tr> <tr> <td>THREE PLACES</td> <td></td> <td>0.01, 016</td> <td>0.0103</td> </tr> <tr> <td>ANGLES</td> <td></td> <td>± 2</td> <td>0.131, 005</td> </tr> </tbody> </table>			TOL DIM	FRA DIM	TOL HOLE/1/16	NO PLACES	X	1/16, 01	0.0103	TWO PLACES	X, XX	0.01, 016	0.0103	THREE PLACES		0.01, 016	0.0103	ANGLES		± 2	0.131, 005
	TOL DIM	FRA DIM	TOL HOLE/1/16																				
NO PLACES	X	1/16, 01	0.0103																				
TWO PLACES	X, XX	0.01, 016	0.0103																				
THREE PLACES		0.01, 016	0.0103																				
ANGLES		± 2	0.131, 005																				
 MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED GL SERIES CHART 2																					
DESIGN UNITS ☒ SI METRIC		US CUSTOMARY ☐																					

REVISIONS		
A	CO	78529
B	CS	81101
C	CO	93188
D	CO	93188
E	CO	93188
F	CO	93188
G	CO	93188
H	CO	93188
I	CO	93188
J	CO	93188
K	CO	93188
L	CO	93188
M	CO	93188
N	CO	93188
O	CO	93188
P	CO	93188
Q	CO	93188
R	CO	93188
S	CO	93188
T	CO	93188
U	CO	93188
V	CO	93188
W	CO	93188
X	CO	93188
Y	CO	93188
Z	CO	93188

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 mm/s in/s	MAX OPERATE FREQUENCY OPS/MIN
GL**02C	SNAP - ACTION CONTACTS SINGLE POLE 		16 3.6	27 6.0	0.1 3.9	1.0 .04	250

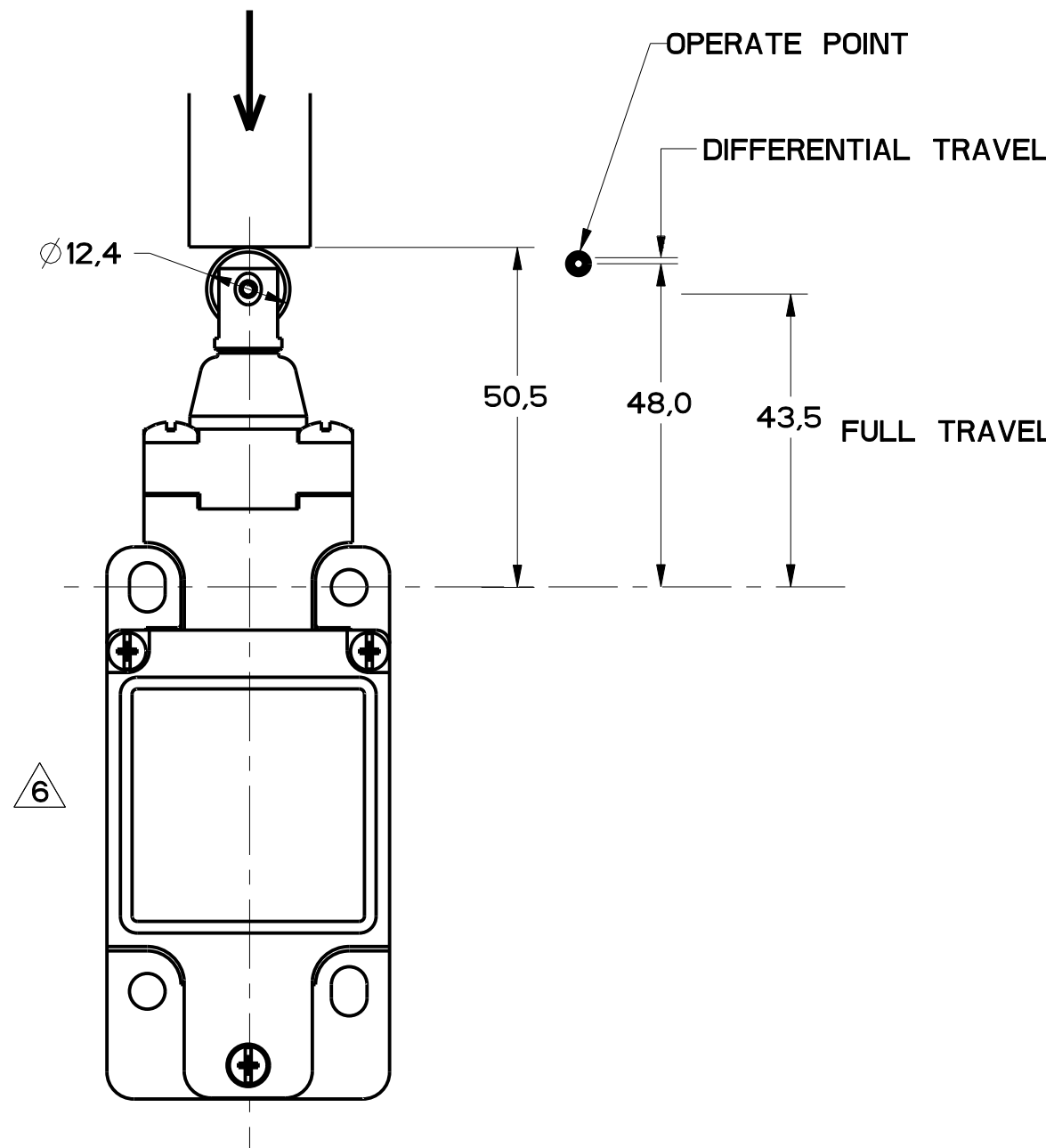


FIGURE 13A

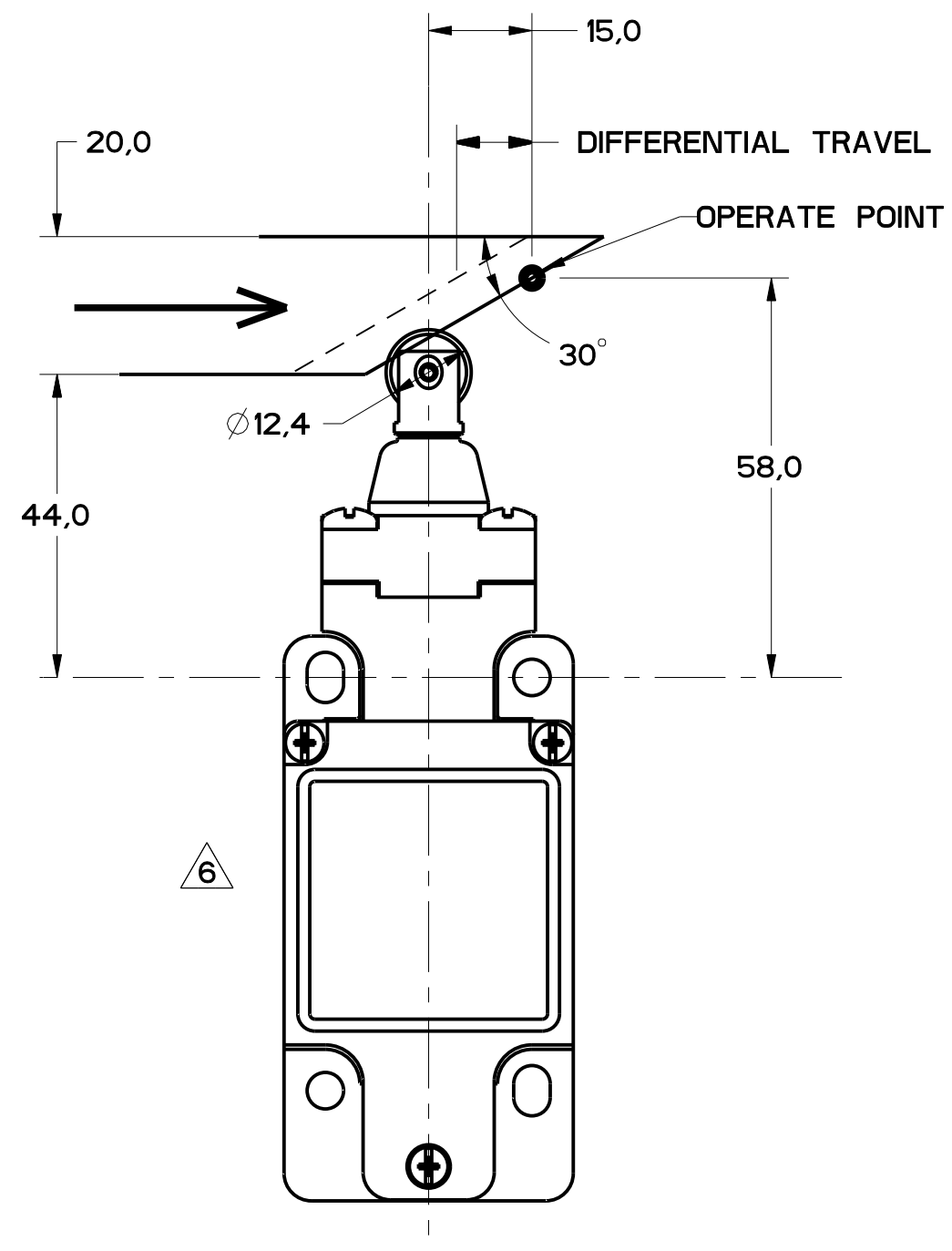
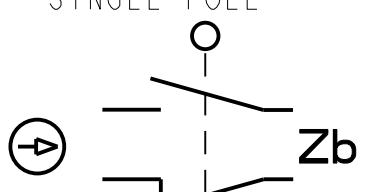
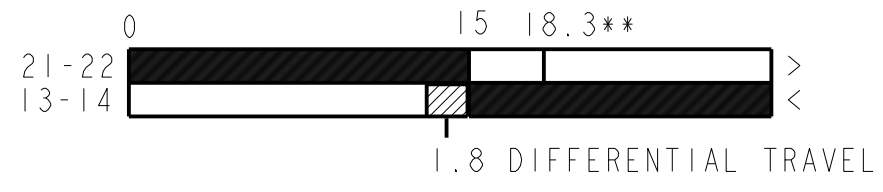
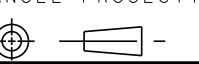


FIGURE 13B

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 mm/s in/s	MAX OPERATE FREQUENCY OPS/MIN
GL**02C	SNAP - ACTION CONTACTS SINGLE POLE 		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	1/16	1/32	1/64
ONE PLACE	1/16	1/32	1/64
TWO PLACES	1/16	1/32	1/64
THREE PLACES	1/16	1/32	1/64
ANGLES	1/16	1/32	1/64
DESIGN UNITS	SI METRIC	US CUSTOMARY	
WEIGHT			

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 2	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	

REVISIONS		
A	1	180292
B	1	01
C	20	SEP 94
D	CO	93789
E	REV	200788
F	0000401	
G	011	2 JUN 93
H	0002986	
I	20	JAN 94
J	0017532	
K	0000005	

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**02D	SNAP - ACTION CONTACTS SINGLE POLE 	 1.7 DIFFERENTIAL TRAVEL	9.5 2.1	12 2.7	0.17 6.7	1.7 .067	250

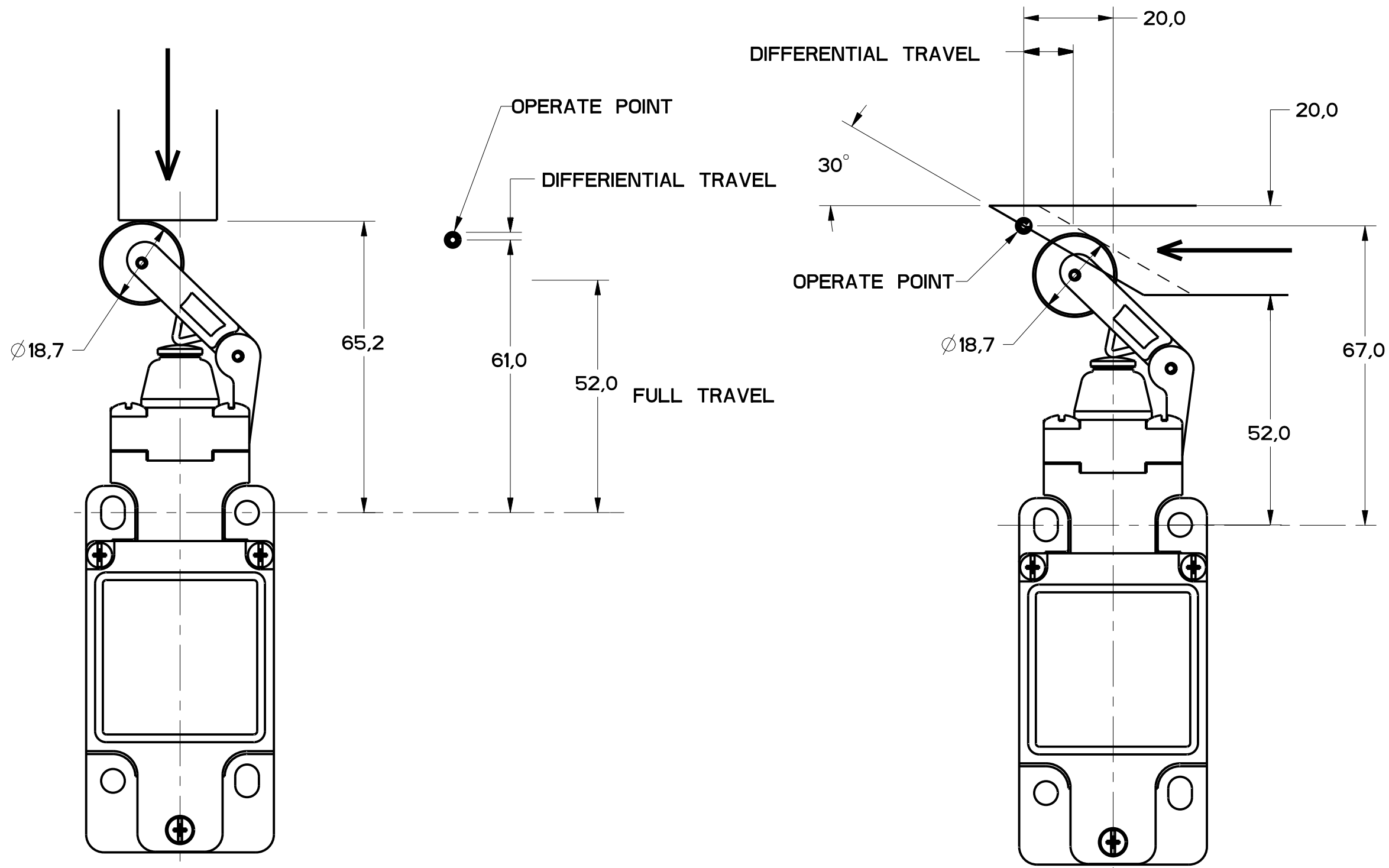


FIGURE 14A

FIGURE 14B

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**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	250

THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
	MM	TOL	IN
NO PLACES	X	1/100	1/100
ONE PLACE	X.X	0.01/0.05	0.001/0.005
TWO PLACES	X.XX	0.001/0.005	0.0001/0.0005
THREE PLACES	X.XXX	0.0001/0.0005	0.00001/0.00005
ANGLES	± 2		
DESIGN UNITS	SI METRIC	US CUSTOMARY	
	☒	☐	
WEIGHT			

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 2	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	

REVISIONS	
A	CO 78092
B	CO 80104
C	CO 83788
D	CO 83788
E	CO 83788
F	CO 83788
G	CO 83788
H	CO 83788
I	CO 83788
J	CO 83788
K	CO 83788
L	CO 83788
M	CO 83788
N	CO 83788
O	CO 83788
P	CO 83788
Q	CO 83788
R	CO 83788
S	CO 83788
T	CO 83788
U	CO 83788
V	CO 83788
W	CO 83788
X	CO 83788
Y	CO 83788
Z	CO 83788

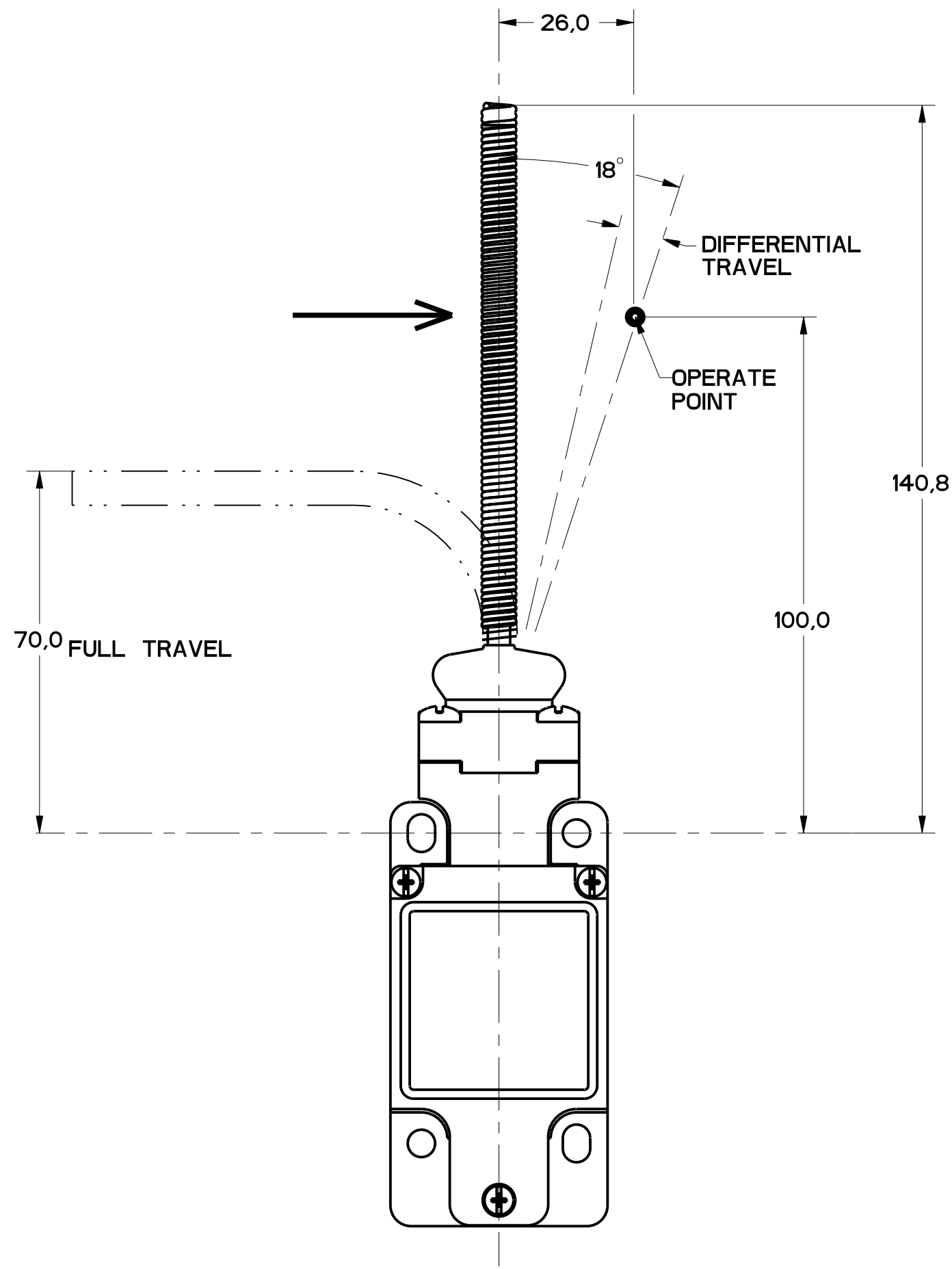


FIGURE 15

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

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

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- 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.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

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.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru