

## SIDE ROTARY

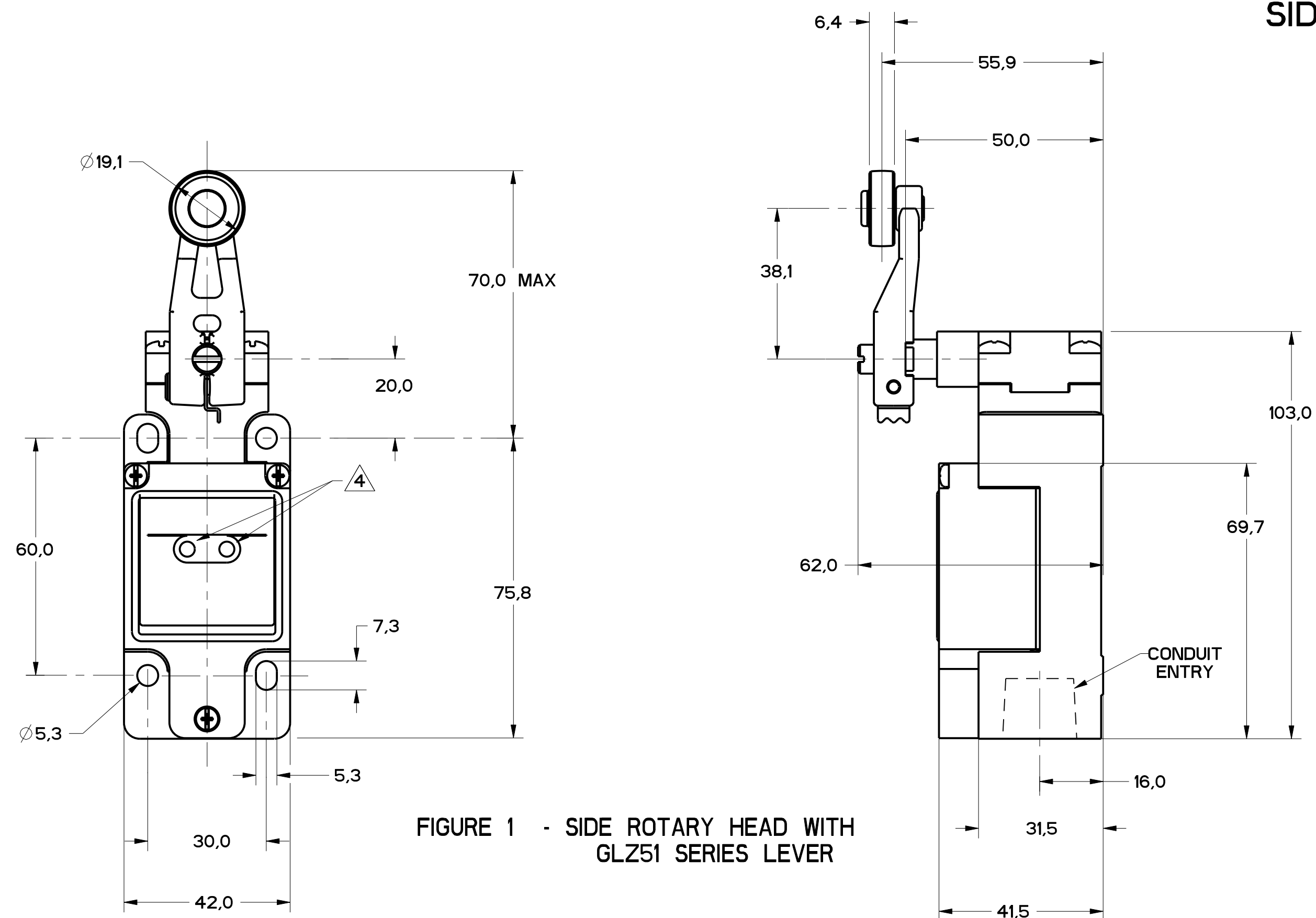


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

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

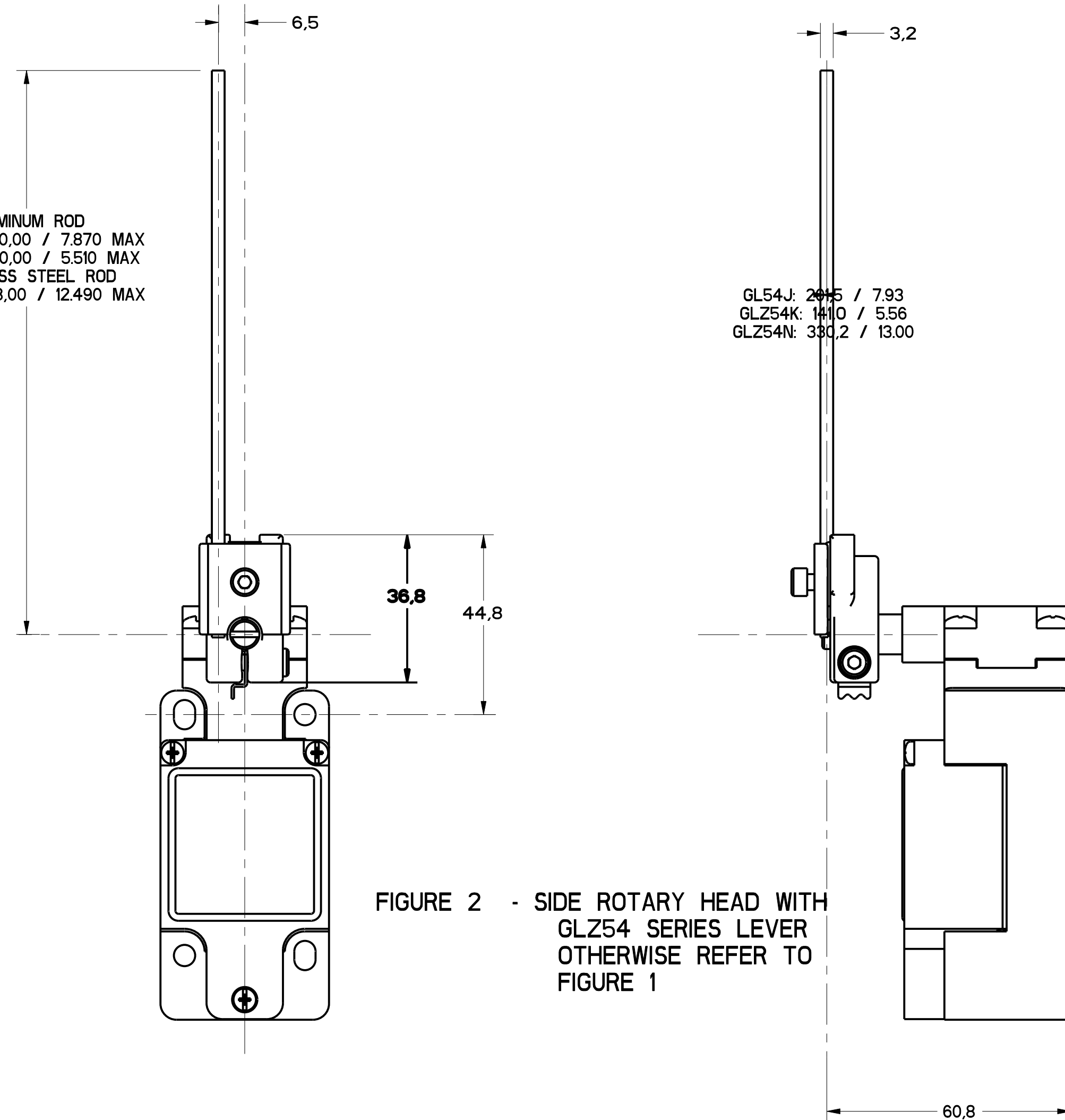


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

| 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<br>Ue                   | AC15<br>Ie | Q300<br>Ue | DC13<br>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

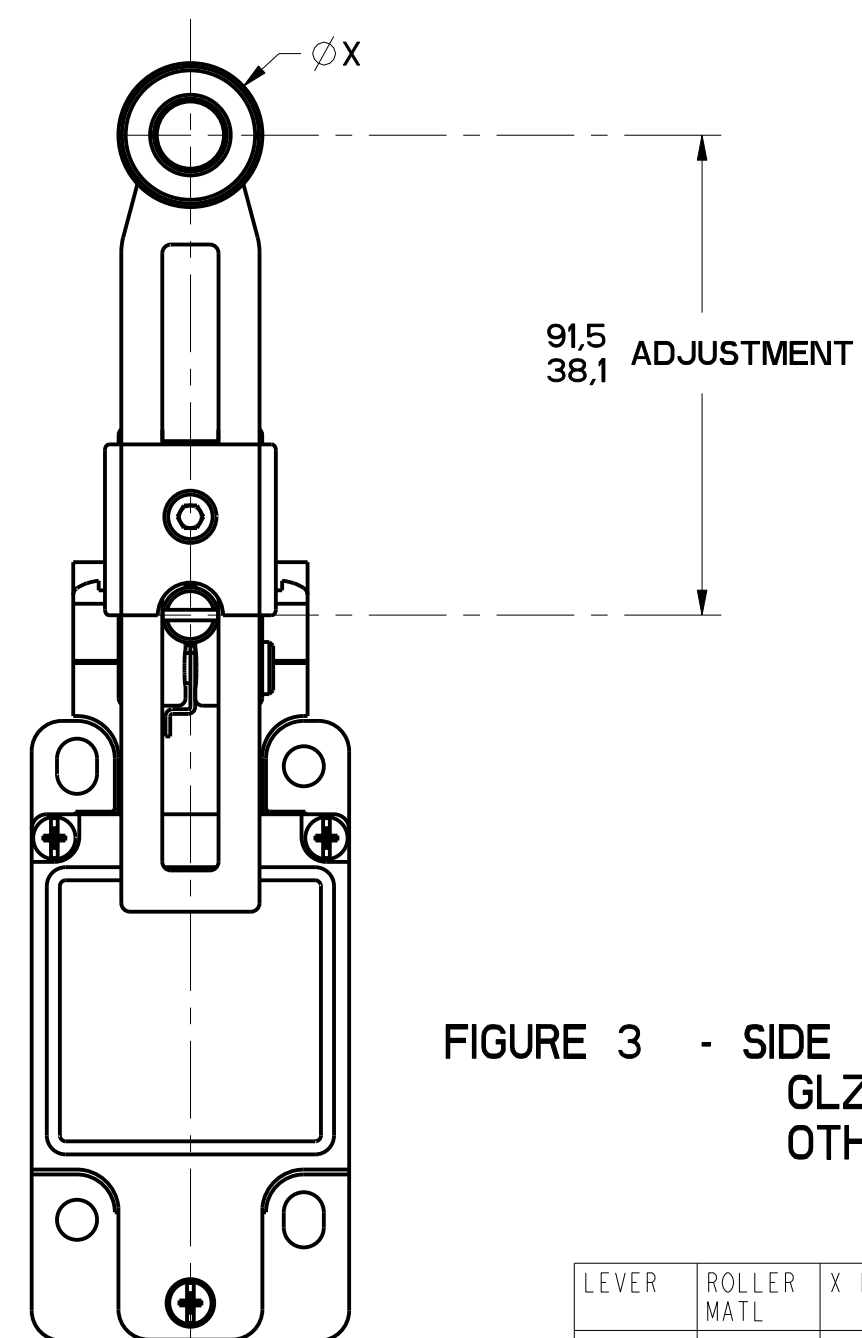


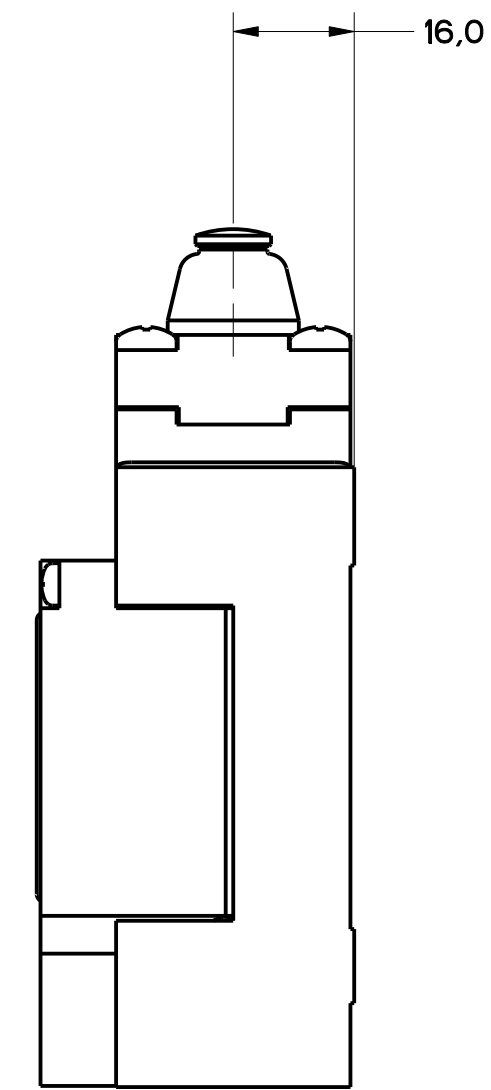
FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

| LEVER  | ROLLER MATL | X DIM       | Y DIM          | Z DIM          |
|--------|-------------|-------------|----------------|----------------|
| GLZ52A | NYLON       | 19.1<br>.75 | 65.9<br>2.59   | 6.4<br>.25     |
| GLZ52B | STEEL       | 19.1<br>.75 | 65.9<br>2.59   | 6.4<br>.25     |
| GLZ52D | NYLON       | 38.1<br>1.5 | 65.9<br>2.59   | 6.4<br>.25     |
| GLZ52E | NYLON       | 19.1<br>.75 | 79.37<br>3.125 | 33.07<br>1.300 |
| GLZ52W | RUBBER      | 40.0<br>1.5 | 71.5<br>2.81   | 12.7<br>.5     |
| GLZ52Y | RUBBER      | 50.9<br>2.0 | 71.5<br>2.81   | 12.7<br>.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                    |
| GLA***          | 1A                      | N/A                     | N/A                    |
| GLB***          | 1B                      | N/A                     | N/A                    |
| GLC***          | 1C                      | N/A                     | N/A                    |
| GLD***          | 1D                      | N/A                     | N/A                    |
| GL***A1*        | I                       | 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<br>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    | 0.001        | 0.001  |
| TWO PLACES                                                                               | INCH    | 0.0005       | 0.0005 |
| THREE PLACES                                                                             | INCH    | 0.0001       | 0.0001 |
| ANGLES                                                                                   | DEGREES | ±0.001       | ±0.001 |
| SI METRIC                                                                                |         | US CUSTOMARY |        |
| DESIGN UNITS                                                                             |         | WEIGHT       |        |

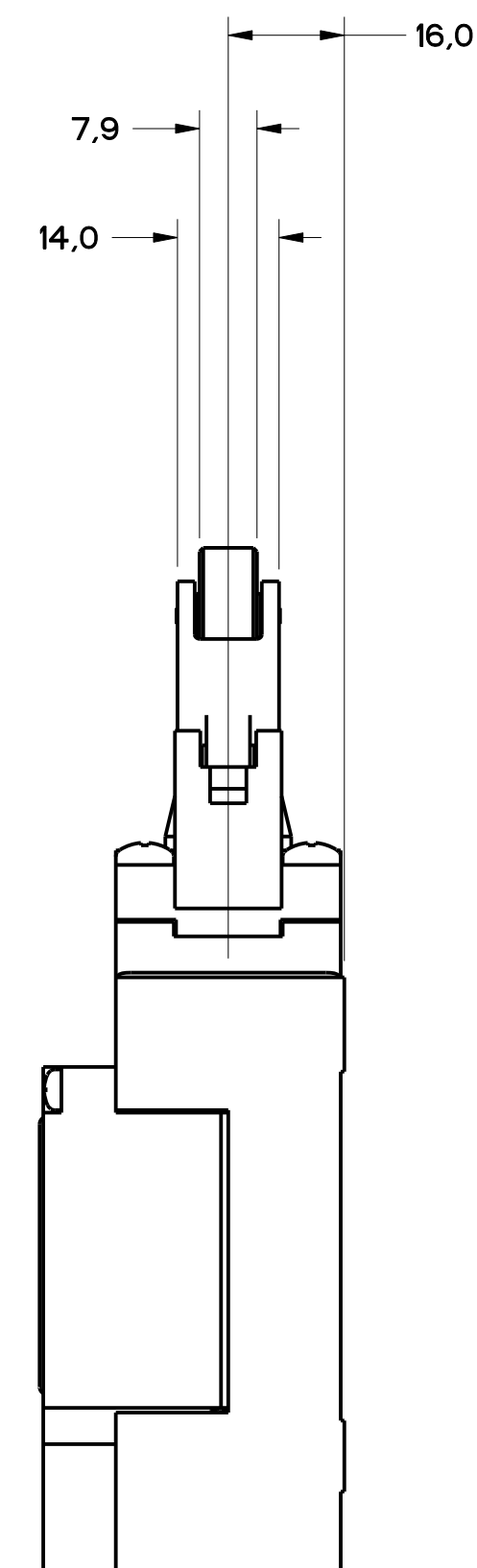


STEEL ROLLER

Ø12,4

50,5

Technical drawing of a lamp head (Fig. 1). The drawing shows a side profile of the lamp head with a mounting bracket. Two dimensions are indicated: a vertical dimension of 4,7 and a horizontal dimension of 16,0.



|                                                                                                                                                                                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                           |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|--------|-----------|--------|-----------|-----------|---|------|------|-----------|-----|------|------|------------|-------|------|------|--------------|--------|------|------|--------|-----|--|--|
| 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>INCHES</td> <td>FRACTIONS</td> <td>INCHES</td> <td>FRACTIONS</td> </tr> <tr> <td>NO PLACES</td> <td>0</td> <td>0.01</td> <td>0.01</td> </tr> <tr> <td>ONE PLACE</td> <td>0.4</td> <td>0.01</td> <td>0.01</td> </tr> <tr> <td>TWO PLACES</td> <td>0.004</td> <td>0.01</td> <td>0.01</td> </tr> <tr> <td>THREE PLACES</td> <td>0.0004</td> <td>0.01</td> <td>0.01</td> </tr> <tr> <td>ANGLES</td> <td>± 1</td> <td></td> <td></td> </tr> </table> |                                                                                                                           | DIM | TOL | DIM | TOL | INCHES | FRACTIONS | INCHES | FRACTIONS | NO PLACES | 0 | 0.01 | 0.01 | ONE PLACE | 0.4 | 0.01 | 0.01 | TWO PLACES | 0.004 | 0.01 | 0.01 | THREE PLACES | 0.0004 | 0.01 | 0.01 | ANGLES | ± 1 |  |  |
| DIM                                                                                                                                                                                 | TOL                     | DIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TOL                                                                                                                       |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
| INCHES                                                                                                                                                                              | FRACTIONS               | INCHES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FRACTIONS                                                                                                                 |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
| NO PLACES                                                                                                                                                                           | 0                       | 0.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.01                                                                                                                      |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
| ONE PLACE                                                                                                                                                                           | 0.4                     | 0.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.01                                                                                                                      |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
| TWO PLACES                                                                                                                                                                          | 0.004                   | 0.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.01                                                                                                                      |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
| THREE PLACES                                                                                                                                                                        | 0.0004                  | 0.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.01                                                                                                                      |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
| ANGLES                                                                                                                                                                              | ± 1                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                           |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
| FED. MFG. CODE 91929                                                                                                                                                                | CATALOG LISTING         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                           |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
| <b>MICRO SWITCH</b><br>a Honeywell Division                                                                                                                                         | <b>SWITCH, ENCLOSED</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>GL SERIES CHART 2</b>                                                                                                  |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
|                                                                                                                                                                                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DESIGN UNITS <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY <input type="checkbox"/> |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |
|                                                                                                                                                                                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | WEIGHT                                                                                                                    |     |     |     |     |        |           |        |           |           |   |      |      |           |     |      |      |            |       |      |      |              |        |      |      |        |     |  |  |

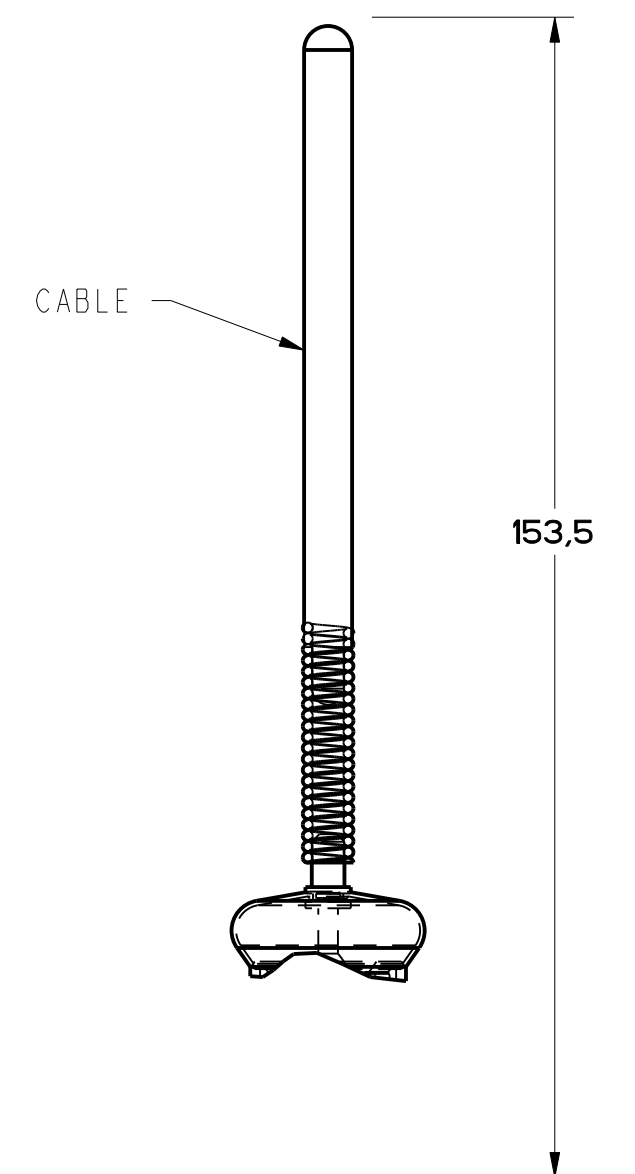
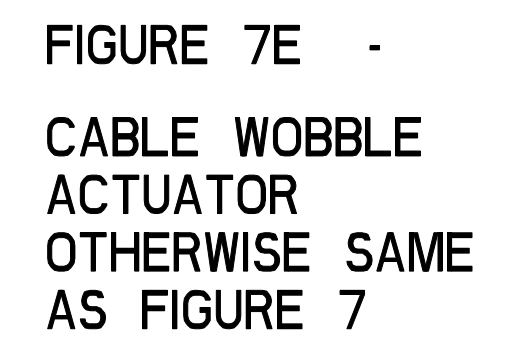
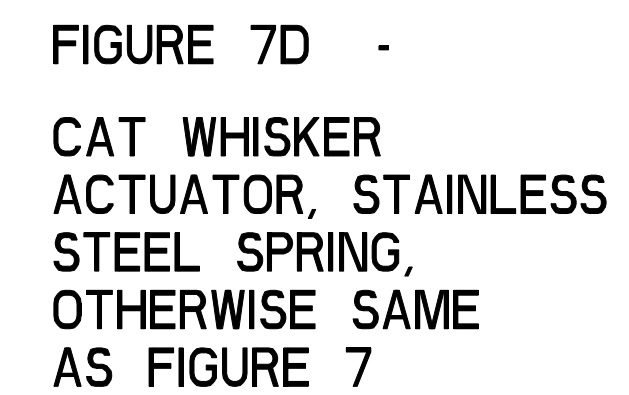
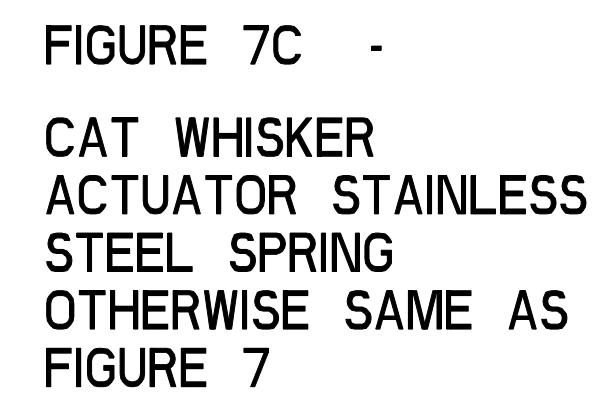
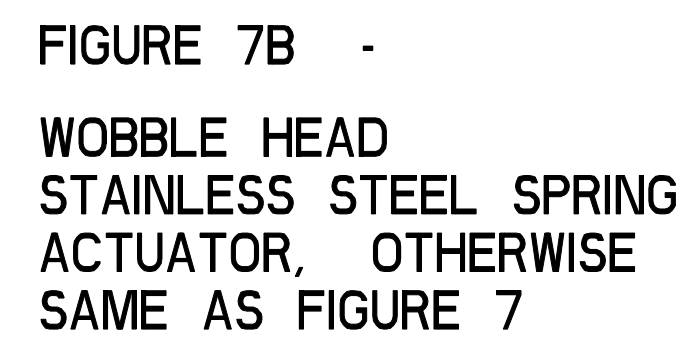
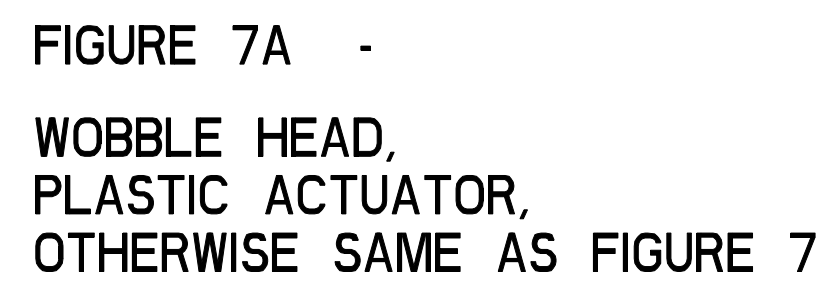


FIGURE 7 - WOBBLE HEAD, AND CAT WHISKER HEAD  
COIL ACTUATOR,  
OTHERWISE REFER TO  
FIGURE 1

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FED. MFG. CODE 91929  
**MICRO SWITCH**  
a Honeywell Division

SWITCH, ENCLOSED

CATALOG LISTING

**GL SERIES CHART 2**

| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                       |                |                                                                                                     |                                                                                                         |
| <div style="display: flex; justify-content: space-around; align-items: center;"> <div>SCALE</div> <div style="text-align: center;"> <div style="font-size: 2em; font-weight: bold;">FULL</div> </div> </div>                                                                                                                                                                               |                                                                                                     |                                                                                                     |                                                                                                         |
| DO NOT SCALE PRINT                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                     |                                                                                                     |                                                                                                         |
| <div style="font-weight: bold; font-size: 1.2em;">TOLERANCES</div> <p>APPLY TO DESIGN UNITS, CONVERSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED, TOLERANCES ARE:</p>                                                                                                                                                                                                                         |                                                                                                     |                                                                                                     |                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                            | <div style="font-weight: bold; font-size: 0.8em;">DIM</div> <div style="font-size: 0.6em;">mm</div> | <div style="font-weight: bold; font-size: 0.8em;">TOL</div> <div style="font-size: 0.6em;">mm</div> | <div style="font-weight: bold; font-size: 0.8em;">DIM</div> <div style="font-size: 0.6em;">in / x</div> |
| NO PLACES                                                                                                                                                                                                                                                                                                                                                                                  | X                                                                                                   | 1/16, 1/8, 1/4                                                                                      | 1/16, 1/8, 1/4                                                                                          |
| ONE PLACE                                                                                                                                                                                                                                                                                                                                                                                  | X.1                                                                                                 | 0.4/0.016                                                                                           | 0.005/0.013                                                                                             |
| TWO PLACES                                                                                                                                                                                                                                                                                                                                                                                 | X.01                                                                                                | 0.005/0.0005                                                                                        | 0.0005/0.0013                                                                                           |
| THREE PLACES                                                                                                                                                                                                                                                                                                                                                                               | X.001                                                                                               | 0.001/0.0001                                                                                        | 0.0001/0.0005                                                                                           |
| FOUR PLACES                                                                                                                                                                                                                                                                                                                                                                                | X.0001                                                                                              | 0.0001/0.00001                                                                                      | 0.00001/0.00005                                                                                         |
| <div style="display: flex; justify-content: space-around;"> <div> <div style="font-weight: bold; font-size: 1.2em;">DESIGN UNITS</div> <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">X</div> </div> <div> <div style="font-weight: bold; font-size: 1.2em;">US CUSTOMARY</div> <div style="font-size: 2em; font-weight: bold; margin-top: 10px;">□</div> </div> </div> |                                                                                                     |                                                                                                     |                                                                                                         |
| WEIGHT                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                         |

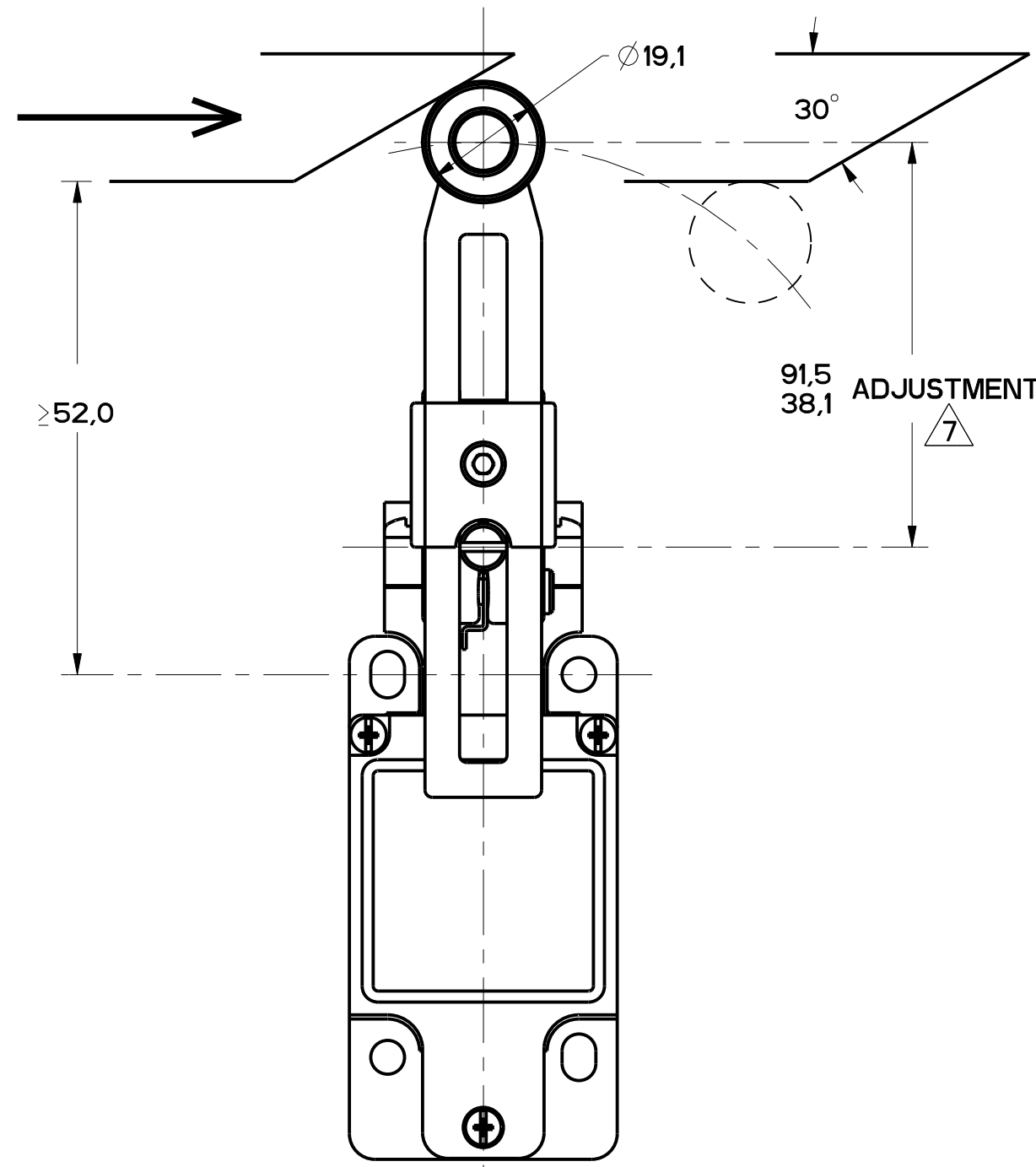


FIGURE 9

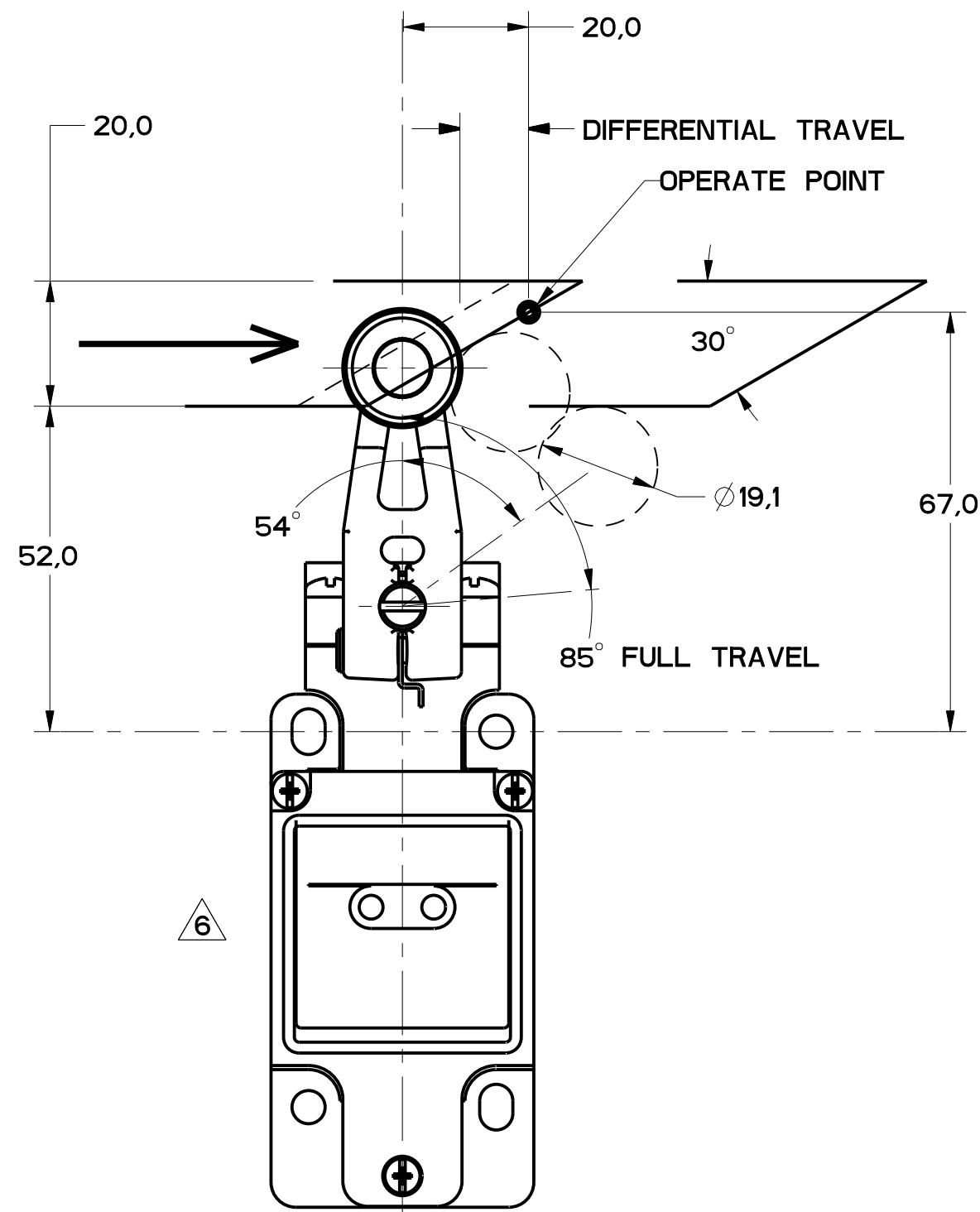


FIGURE 8

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

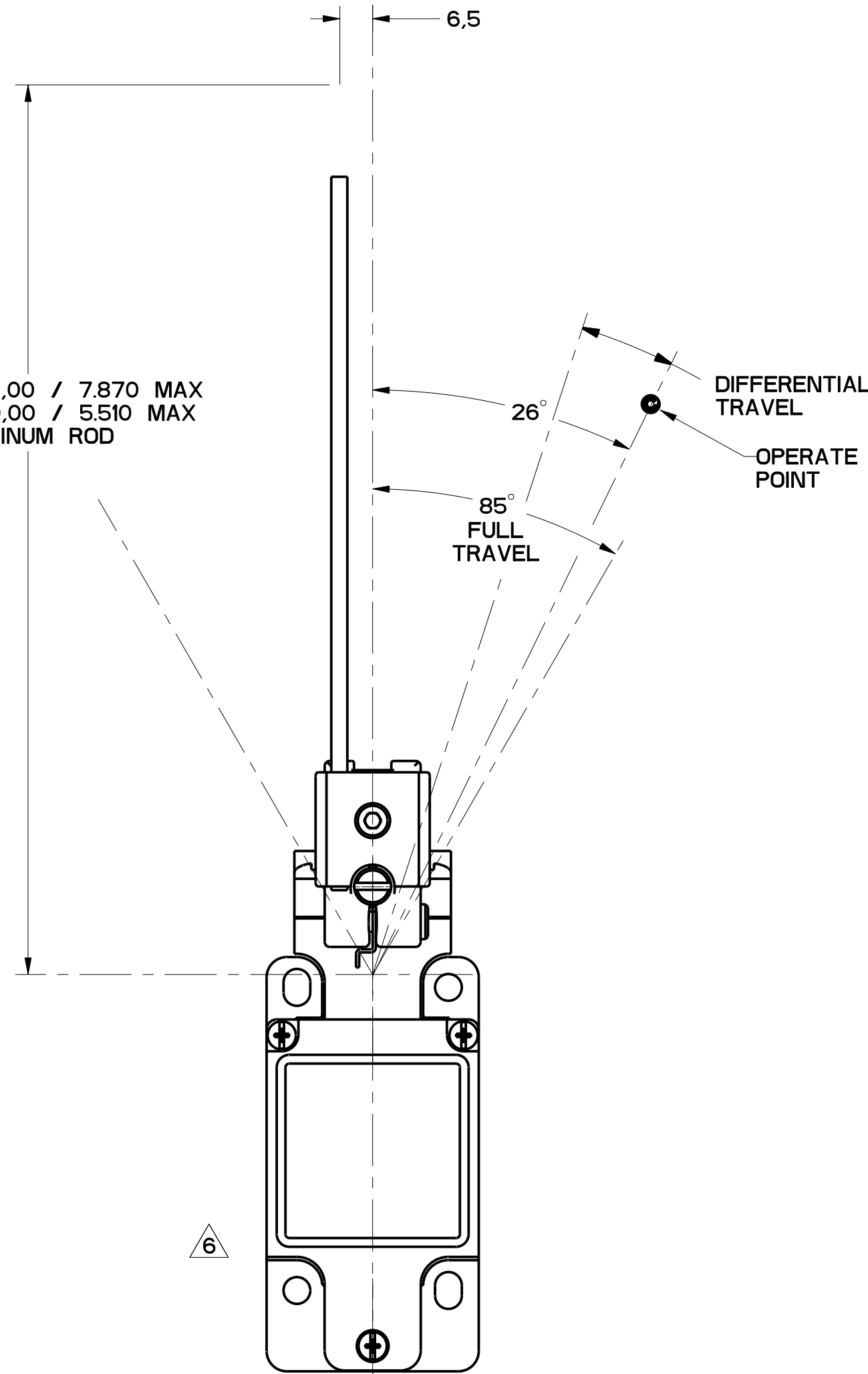


FIGURE 10

| FIGURES 8, 9, 10 ANGULAR ACTUATION |                                           |                                                                                                                                                   |                                            |                                             |                      |                      |
|------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------|----------------------|----------------------|
| CATALOG LISTING                    | CONTACT BLOCK DIAGRAM                     | NOMINAL TRAVELS AND RELATED TERMINALS<br>CONTACT CLOSED,  CONTACT OPEN  - CONTACT CLOSED<br>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<br>SINGLE POLE<br> | 21-22 13-14  26° 55**° 85°<br>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<br>CONTACT CLOSED,  CONTACT OPEN  - CONTACT CLOSED<br>DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5<br>DIMENSIONS IN mm | MAXIMUM OPERATING FORCE $\frac{N}{LB}$ | MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$ | MAX OPERATE VEL $\frac{M}{S}$<br>$\frac{IN}{S}$ | MIN OPERATE VEL $\frac{M}{S}$<br>$\frac{IN}{S}$ |
| GL**02A*                                   | SNAP - ACTION CONTACTS<br>SINGLE POLE<br> | 21-22 13-14  0 20 56**<br>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<br>■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED<br>DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 | MAXIMUM            | MAXIMUM             | MAX                | MIN                | MAX                  |
|                                                 |                                                                                                                                |                                                                                                                                                              | OPERATING<br>FORCE | DISCONNECT<br>FORCE | OPERATE<br>VEL     | OPERATE<br>VEL     | OPERATE<br>FREQUENCY |
|                                                 |                                                                                                                                |                                                                                                                                                              | $\frac{N}{LB}$     | $\frac{N}{LB}$      | $\frac{M/S}{in/S}$ | $\frac{M/S}{in/S}$ | $\frac{OPS}{MIN}$    |
| GL**02E                                         | SNAP - ACTION CONTACTS<br>SINGLE POLE<br> |                                                                         | $\frac{2.5}{0.6}$  | N/A                 | $\frac{5}{19.7}$   | $\frac{11}{.43}$   | 100                  |

[illegible]

| REVISIONS |          |
|-----------|----------|
| A         | CO 78529 |
| B         | CO 93181 |
| C         | CO 93181 |
| D         | CO 93181 |
| E         | CO 93181 |

FIGURE 13A, ROLLER PLUNGER HEAD, PIN ACTUATION

| CATALOG LISTING | CONTACT BLOCK DIAGRAM                     | NOMINAL TRAVELS AND RELATED TERMINALS<br>CONTACT CLOSED, CONTACT OPEN, CONTACT CLOSED<br>DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 | MAXIMUM OPERATING FORCE<br>N<br>LB | MAXIMUM DISCONNECT FORCE<br>N<br>LB | MAX OPERATE VEL<br>M/S<br>in/s | MIN OPERATE VEL<br>M/S<br>in/s | MAX OPERATE FREQUENCY<br>OPS/MIN |
|-----------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------|--------------------------------|--------------------------------|----------------------------------|
| GL**02C         | SNAP - ACTION CONTACTS<br>SINGLE POLE<br> | <br>0.9 DIFFERENTIAL TRAVEL                                                                                                                      | 16<br>3.6                          | 27<br>6.0                           | 0.1<br>3.9                     | 1.0<br>.04                     | 250                              |

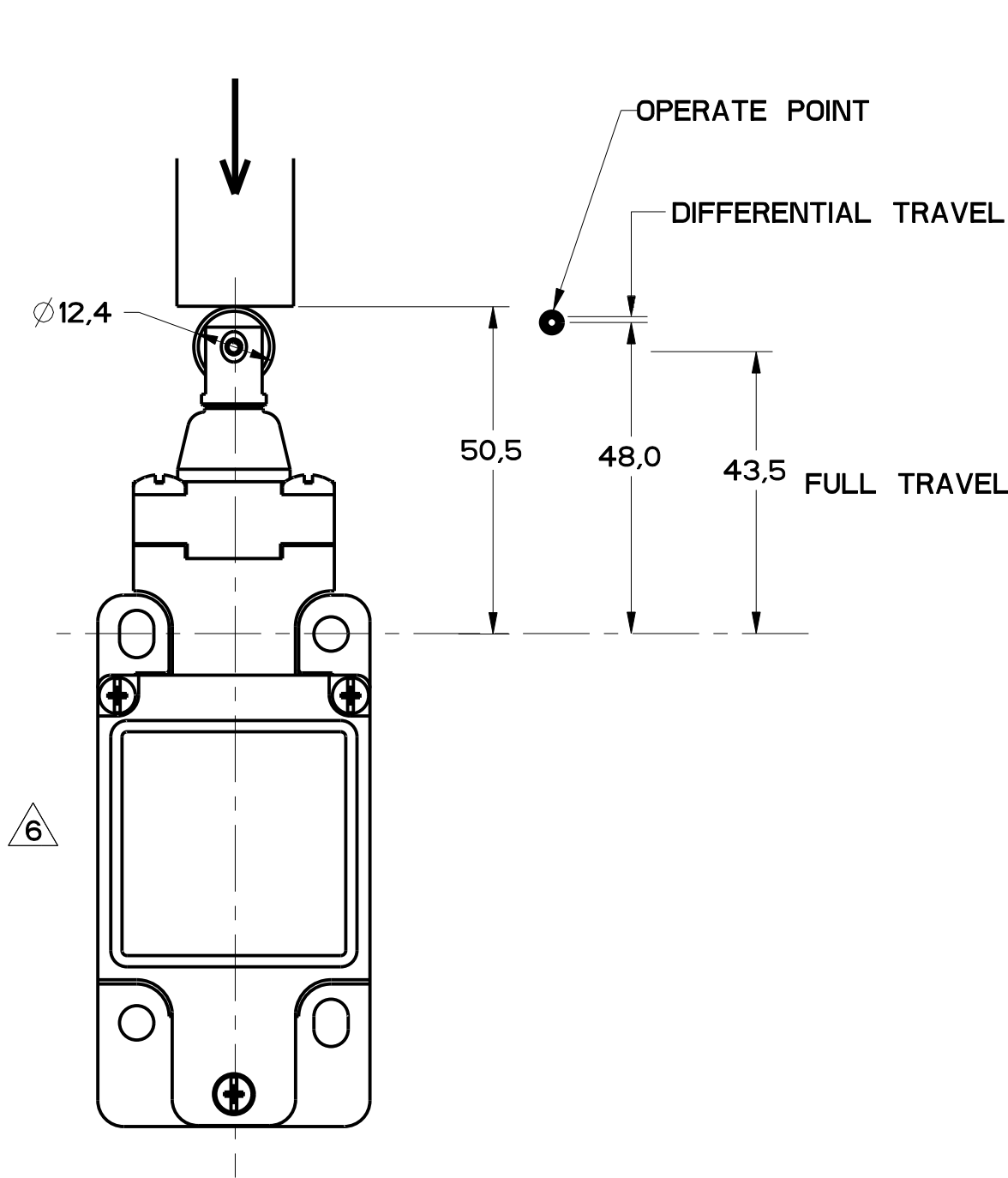


FIGURE 13A

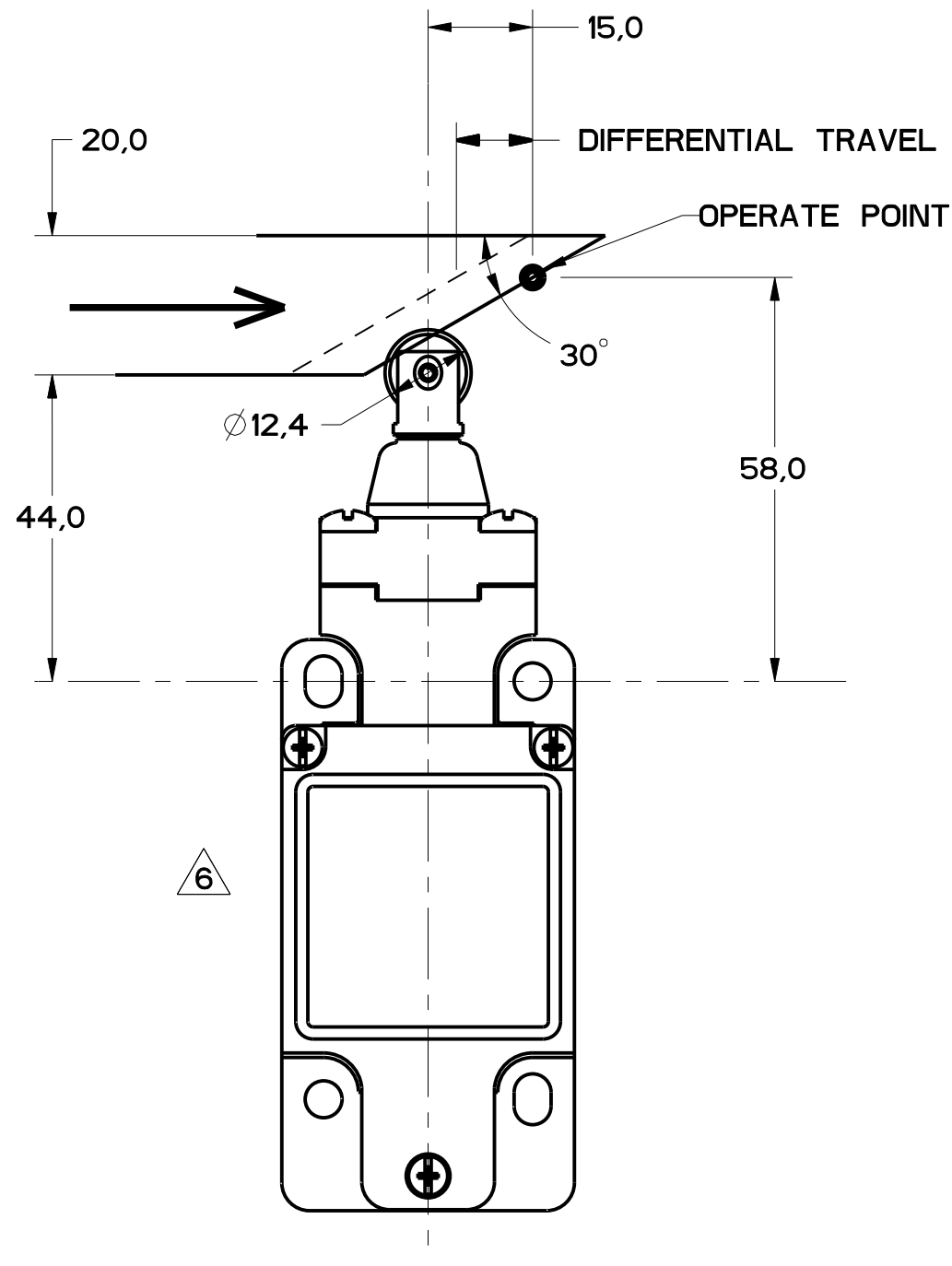


FIGURE 13B

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

| CATALOG LISTING | CONTACT BLOCK DIAGRAM                     | NOMINAL TRAVELS AND RELATED TERMINALS<br>CONTACT CLOSED, CONTACT OPEN, CONTACT CLOSED<br>DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 | MAXIMUM OPERATING FORCE<br>N<br>LB | MAXIMUM DISCONNECT FORCE<br>N<br>LB | MAX OPERATE VEL<br>M/S<br>in/s | MIN OPERATE VEL<br>M/S<br>in/s | MAX OPERATE FREQUENCY<br>OPS/MIN |
|-----------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------|--------------------------------|--------------------------------|----------------------------------|
| GL**02C         | SNAP - ACTION CONTACTS<br>SINGLE POLE<br> | <br>1.8 DIFFERENTIAL TRAVEL                                                                                                                      | 9.3<br>2.1                         | 15.6<br>3.5                         | 0.17<br>6.7                    | 1.7<br>.067                    | 250                              |

| THIRD ANGLE PROJECTION                                                                                 |              |               |                 |
|--------------------------------------------------------------------------------------------------------|--------------|---------------|-----------------|
|                                                                                                        |              |               |                 |
| SCALE FULL                                                                                             |              |               |                 |
| DO NOT SCALE PRINT                                                                                     |              |               |                 |
| TOLERANCES<br>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    |               |                 |
|                                                                                                        | X            |               |                 |
| WEIGHT                                                                                                 | US CUSTOMARY |               |                 |
|                                                                                                        | □            |               |                 |

|                                                                                                                                                                                     |  |                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|
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| FED. MFG. CODE 91929                                                                                                                                                                |  | GL SERIES CHART 2 |  |
| MICRO SWITCH<br>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<br>CONTACT CLOSED, CONTACT OPEN, CONTACT CLOSED<br>DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 | MAXIMUM OPERATING FORCE<br>N<br>LB | MAXIMUM DISCONNECT FORCE<br>N<br>LB | MAX OPERATE VEL<br>M/S<br>in/S | MIN OPERATE VEL<br>M/S<br>in/S | MAX OPERATE FREQUENCY<br>OPS/MIN |
|-----------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------|--------------------------------|--------------------------------|----------------------------------|
| GL**02D         | SNAP - ACTION CONTACTS<br>SINGLE POLE<br> | <br>1.7 DIFFERENTIAL TRAVEL                                                                                                                      | $\frac{9.5}{2.1}$                  | $\frac{12}{2.7}$                    | $\frac{0.17}{6.7}$             | $\frac{1.7}{.067}$             | 250                              |

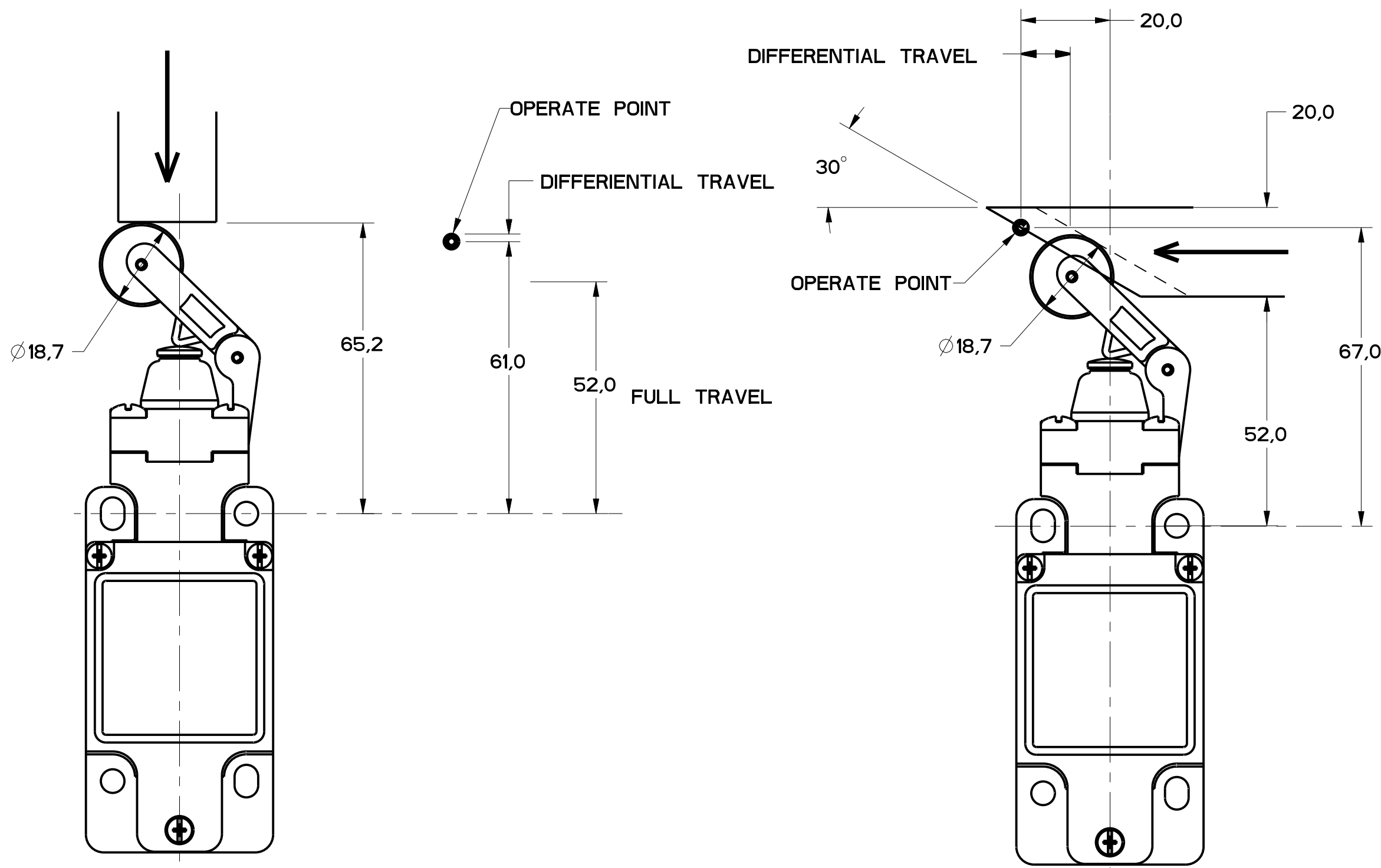


FIGURE 14A

FIGURE 14B

FIGURE 14B, TOP ROLLER LEVER HEAD WITH CAM ACTUATION

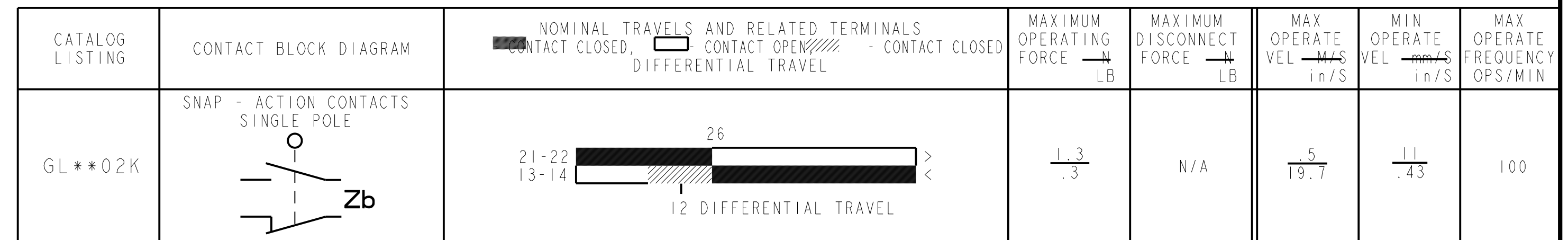
| CATALOG LISTING | CONTACT BLOCK DIAGRAM                     | NOMINAL TRAVELS AND RELATED TERMINALS<br>CONTACT CLOSED, CONTACT OPEN, CONTACT CLOSED<br>DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 | MAXIMUM OPERATING FORCE<br>N<br>LB | MAXIMUM DISCONNECT FORCE<br>N<br>LB | MAX OPERATE VEL<br>M/S<br>in/S | MIN OPERATE VEL<br>M/S<br>in/S | MAX OPERATE FREQUENCY<br>OPS/MIN |
|-----------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------|--------------------------------|--------------------------------|----------------------------------|
| GL**02D         | SNAP - ACTION CONTACTS<br>SINGLE POLE<br> | <br>4.1 DIFFERENTIAL TRAVEL                                                                                                                      | $\frac{5.5}{1.2}$                  | $\frac{7.0}{1.6}$                   | $\frac{0.29}{11.4}$            | $\frac{2.9}{.11}$              | 250                              |

| THIRD ANGLE PROJECTION                                                                                 |              |               |         |
|--------------------------------------------------------------------------------------------------------|--------------|---------------|---------|
|                                                                                                        |              |               |         |
| SCALE FULL                                                                                             |              |               |         |
| DO NOT SCALE PRINT                                                                                     |              |               |         |
| TOLERANCES<br>APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE: |              |               |         |
|                                                                                                        | MM           | TOL           | IN      |
| NO PLACES                                                                                              | X            | 1/104         | 1/16    |
| ONE PLACE                                                                                              | X.X          | 0.01/0.05     | 1/16    |
| TWO PLACES                                                                                             | X.XX         | 0.001/0.005   | 1/1000  |
| THREE PLACES                                                                                           | X.XXX        | 0.0001/0.0005 | 1/10000 |
| ANGLES                                                                                                 | ± 2          |               |         |
| DESIGN UNITS                                                                                           | SI METRIC    |               |         |
| WEIGHT                                                                                                 | US CUSTOMARY |               |         |

|                                                                                                                                                                                     |  |                      |  |                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|--|-------------------|--|
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| MICRO SWITCH<br>a Honeywell Division                                                                                                                                                |  | SWITCH, ENCLOSED     |  | GL SERIES CHART 2 |  |



| CATALOG LISTING | CONTACT BLOCK DIAGRAM                     | <div> <div></div> <div>NOMINAL TRAVELS AND RELATED TERMINALS</div> <div> <div></div>CONTACT CLOSED, <div></div>CONTACT OPEN <div></div>DIFFERENTIAL TRAVEL <div></div>CONTACT CLOSED </div> </div> | MAXIMUM OPERATING TORQUE          | MAXIMUM DISCONNECT TORQUE         | MAX OPERATE DEGREE/S | MIN OPERATE VELOCITY DEGREE/S | MAX OPERATE RATE CYCLES/MIN |
|-----------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------|-------------------------------|-----------------------------|
|                 |                                           |                                                                                                                                                                                                    | $\frac{\text{N-m}}{\text{LB-IN}}$ | $\frac{\text{N-m}}{\text{LB-IN}}$ |                      |                               |                             |
| GL**02K         | SNAP - ACTION CONTACTS<br>SINGLE POLE<br> | <div> <div>21-22</div> <div>13-14</div> <div>18°</div> <div>8° DIFFERENTIAL TRAVEL</div> <div>&gt;</div> <div>&lt;</div> </div>                                                                    | $\frac{0.1}{.9}$                  | N/A                               | 360                  | 8                             | 100                         |



## Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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