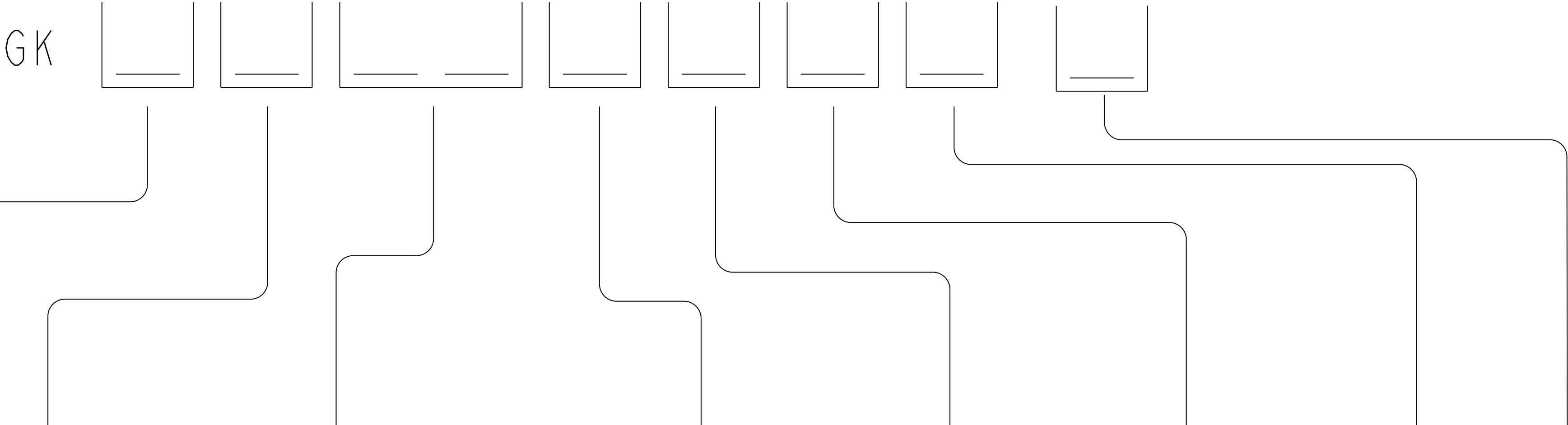


SOLENOID KEY OPERATED SAFETY INTERLOCK NOMENCLATURE



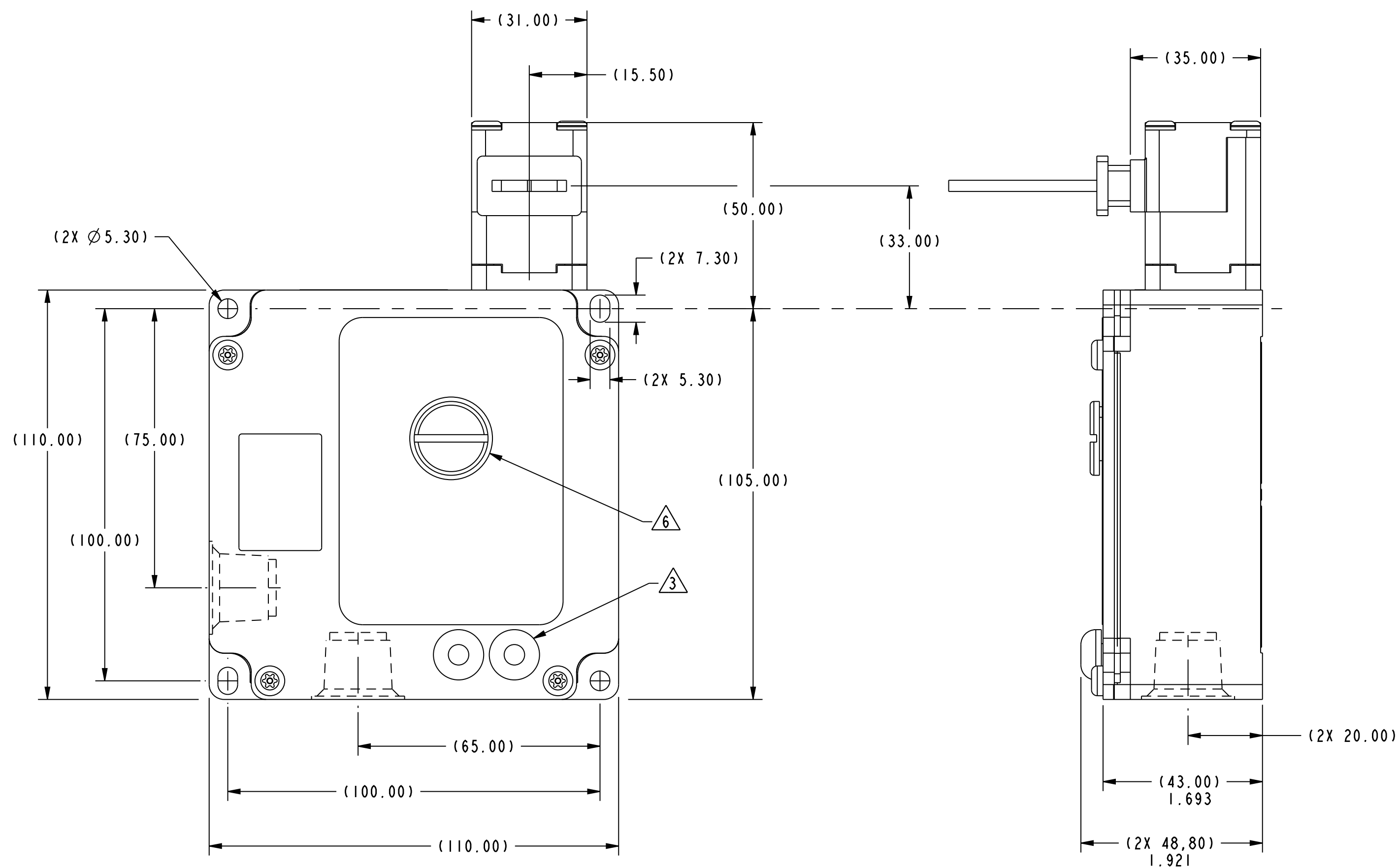
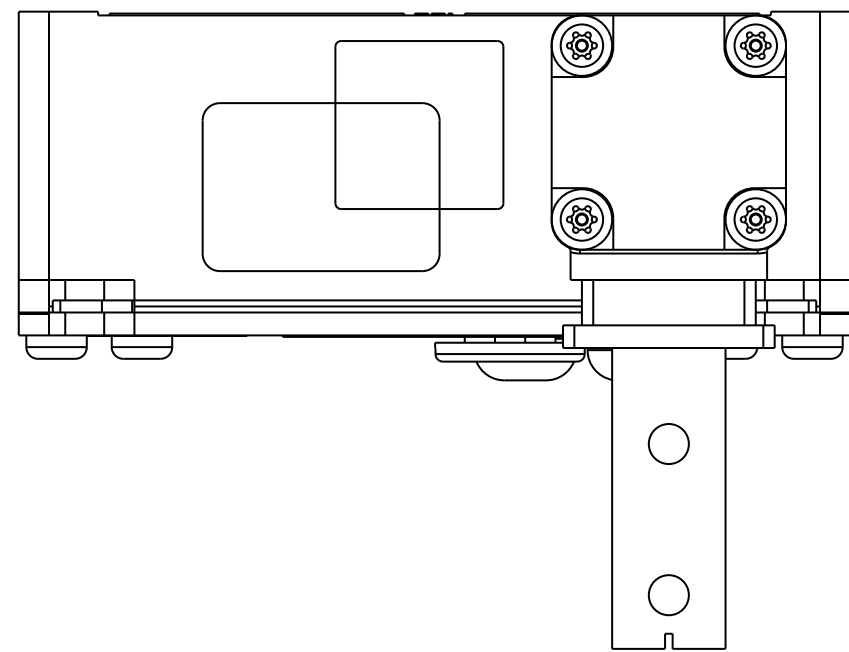
| BODY / INDICATOR |                                    | CONDUIT / SEAL |                               | BASIC |                                      | HEAD |                                         | KEY |            | TYPE / OVER-RIDE |                                                 | VOLTAGE |         | MODIFICATION CODE |  |
|------------------|------------------------------------|----------------|-------------------------------|-------|--------------------------------------|------|-----------------------------------------|-----|------------|------------------|-------------------------------------------------|---------|---------|-------------------|--|
| L                | HEAD TO LEFT - WITH INDICATORS     | A              | 1/2 NPT - VITON SEALS         | 2     | 2 SNAP ACTION DPDT                   | A    | OPENING TO FRONT WITHOUT DETENT         | 1   | STRAIGHT   | A                | SOLENOID UNLOCK WITH SCREWDRIVER                | 1       | 12 VDC  | F03               |  |
| R                | HEAD TO RIGHT - WITH INDICATORS    | B              | PG 13.5 - VITON SEALS         | 3     | 2 SLOW ACTING SPDT BBM               | B    | OPENING TO RIGHT WITHOUT DETENT         | 2   | 90 DEGREE  |                  | SLOT OVER-RIDE                                  | 2       | 24 VDC  | F04               |  |
| F                | HEAD TO LEFT - WITHOUT INDICATORS  | C              | 20 MM - VITON SEALS           | 6     | SLOW ACTING 2 NC                     | C    | OPENING TO BACK WITHOUT DETENT          | 3   | UP-DOWN    | B                | SOLENOID UNLOCK WITHOUT OVER-RIDE               | 3       | 48 VDC  | F05               |  |
| G                | HEAD TO RIGHT - WITHOUT INDICATORS | D              | PF 1/2 - VITON SEALS          | 10    | SLOW ACTING 4 NC                     | D    | OPENING TO LEFT WITHOUT DETENT          | 4   | LEFT-RIGHT | C                | SAME AS "A" FOR GM ONLY                         | 4       | 120 VAC |                   |  |
|                  |                                    | E              | 1/2 NPT - BUNA-N SEALS        | 12    | SLOW ACTING 2 NC - 1 NO BBM          | E    | HEAD WITHOUT DETENT UNASSEMBLED TO BODY | X   | NO KEY     | S                | SOLENOID LOCK WITH SCREWDRIVER<br>SLOT OVERRIDE | 6       | 240 VAC |                   |  |
|                  |                                    | F              | PG 13.5 - BUNA-N SEALS        | 14    | SLOW ACTING 2 NC - 2 NO BBM          | F    | OPENING TO FRONT WITH DETENT            |     |            | T                | SOLENOID LOCK WITHOUT OVER-RIDE                 |         |         |                   |  |
|                  |                                    | G              | 20 MM - BUNA-N SEALS          | 16    | SLOW ACTING 3 NC - 1 NO BBM          | G    | OPENING TO RIGHT WITH DETENT            |     |            |                  |                                                 |         |         |                   |  |
|                  |                                    | H              | PF 1/2 - BUNA-N SEALS         | 30    | 2 SLOW ACTING 4 NC - GOLD            | H    | OPENING TO BACK WITH DETENT             |     |            |                  |                                                 |         |         |                   |  |
|                  |                                    |                |                               | 32    | 2 SLOW ACTING 2 NC - 1 NO BBM - GOLD | J    | OPENING TO LEFT WITH DETENT             |     |            |                  |                                                 |         |         |                   |  |
|                  |                                    |                |                               | 34    | 2 SLOW ACTING 2 NC - 2 NO BBM - GOLD | K    | HEAD WITH DETENT UNASSEMBLED TO BODY    |     |            |                  |                                                 |         |         |                   |  |
|                  |                                    |                |                               | 36    | 2 SLOW ACTING 3 NC - 1 NO BBM - GOLD |      |                                         |     |            |                  |                                                 |         |         |                   |  |
|                  |                                    |                |                               | 40    | 2 SLOW ACTING 4 NC                   |      |                                         |     |            |                  |                                                 |         |         |                   |  |
|                  |                                    |                |                               | 42    | 2 SLOW ACTING 2 NC - 1 NO BBM        |      |                                         |     |            |                  |                                                 |         |         |                   |  |
|                  |                                    |                |                               | 44    | 2 SLOW ACTING 2 NC - 2 NO BBM        |      |                                         |     |            |                  |                                                 |         |         |                   |  |
|                  |                                    | 46             | 2 SLOW ACTING 3 NC - 1 NO BBM |       |                                      |      |                                         |     |            |                  |                                                 |         |         |                   |  |

- NOTES
- 1 - ZINC DIECAST BODY AND HEAD WITH STEEL COVER. BODY, HEAD AND COVER FINISHED WITH EPOXY PAINT
  - 2 - HEAD E AND K IS SHIPPED UNATTACHED AND MAY BE INDEXED IN 90° INCREMENTS. REATTACH WITH SECURITY SCREWS PROVIDED
  - 3 - THE LEFT INDICATOR IS GREEN AND THE RIGHT INDICATOR IS RED. NOT PRESENT ON BODY/INDICATOR CODES F OR G
  - 4 - MAXIMUM OPERATING FREQUENCY (Fmax) = 100 OPS/MIN
  - 5 - INSERTION FORCE = 20 N MAX  
5 LB  
EXTRACTION FORCE = 2 N MAX  
.5 LB  
HEADS F, G, H, J AND K  
INSERTION FORCE = 55 N MAX  
12 LB  
EXTRACTION FORCE = 35 N MAX  
8 LB  
MAXIMUM SOLENOID LOCKING FORCE = 1000 N  
224 LB
  - 6 - ROTATE 1/4 TURN CLOCKWISE TO UNLOCK DEVICES WITH HEAD TO LEFT, SOLENOID UNLOCK AND DEVICES WITH HEAD TO RIGHT, SOLENOID LOCK. ROTATE 1/4 TURN COUNTERCLOCKWISE TO UNLOCK DEVICES WITH HEAD TO LEFT, SOLENOID LOCK AND DEVICES WITH HEAD TO RIGHT, SOLENOID UNLOCK. NOT PRESENT ON TYPE/OVER-RIDE CODES B OR T
  - 7 - SWITCH MUST OPERATE BEFORE REACHING MINIMUM INSERTION DISTANCE
  - 8 - T-15 TORX DRIVER PROVIDED
  - 9 - ELECTRICAL RATINGS ARE FOR BASIC SWITCHES
  - 10 - MINIMUM SOLENOID VOLTAGE = 80% OF NORMAL VOLTAGE  
MAXIMUM SOLENOID VOLTAGE = 110% OF NORMAL VOLTAGE  
SOLENOID POWER = 12 WATTS NOMINAL
  - 11 - CONNECTOR IN BOTTOM CONDUIT OPENING. SIDE CONDUIT OPENING PLUGGED
  - 12 - NO CHANGES CAN BE MADE TO THIS DRAWING WITHOUT JOINT FREEPORT / NEWHOUSE APPROVAL
  - 13 - ALL DIMENSIONS ON THIS DRAWING SERIES ARE FOR REFERENCE ONLY
  - 14 - FOR CONNECTOR AND CIRCUIT DETAILS OF MODIFICATION CODE, REFER PAGE 8 FOR CODE F04, PAGE 9 FOR CODE F03 AND PAGE 10 FOR CODE F05

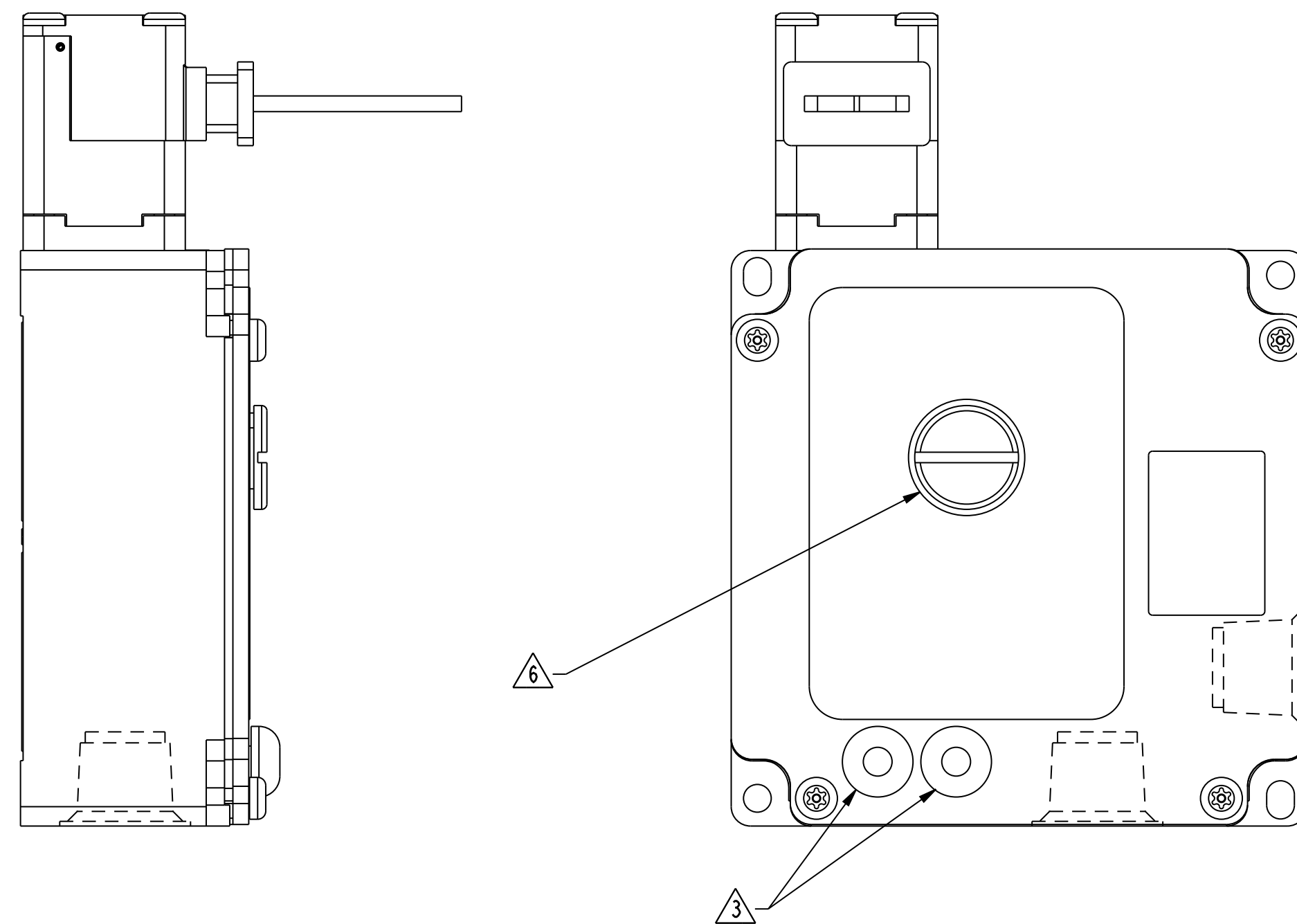
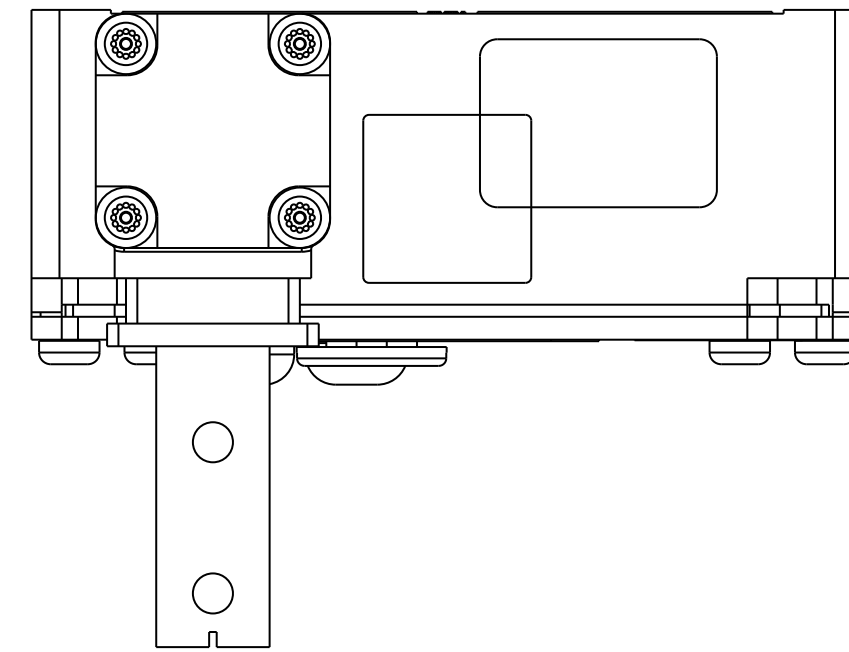
| ELECTRICAL RATING  |  |         |  | ENVIRONMENTAL RATINGS         |  | APPROVALS<br><br><br><br>IEC 947-5-1<br>EN60947-5-1 |
|---------------------------------------------------------------------------------------------------------|--|---------|--|-------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AC                                                                                                      |  | DC      |  | IP68 NEMA 1, 4, 6P, 12 & 13   |  |                                                                                                                                                                                                                                                                                                                    |
| A300                                                                                                    |  | Q300    |  | TEMP RANGE -25°C TO 40°C      |  |                                                                                                                                                                                                                                                                                                                    |
| Ue                                                                                                      |  | Ue      |  | -13°F TO 104°F                |  |                                                                                                                                                                                                                                                                                                                    |
| (VOLTS)                                                                                                 |  | (VOLTS) |  | STORAGE -40°C TO 120°C        |  |                                                                                                                                                                                                                                                                                                                    |
| (AMPS)                                                                                                  |  | (AMPS)  |  | -40°F TO 248°F                |  |                                                                                                                                                                                                                                                                                                                    |
| 120                                                                                                     |  | 24      |  | SHOCK: 50G PER IEC 68-2-27    |  |                                                                                                                                                                                                                                                                                                                    |
| 240                                                                                                     |  | 125     |  | VIBRATION: 10G PER IEC 68-2-6 |  |                                                                                                                                                                                                                                                                                                                    |
|                                                                                                         |  | .55     |  |                               |  |                                                                                                                                                                                                                                                                                                                    |
|                                                                                                         |  | .27     |  |                               |  |                                                                                                                                                                                                                                                                                                                    |
| 11h = 10 A                                                                                              |  |         |  |                               |  |                                                                                                                                                                                                                                                                                                                    |

|                                                                                                                                                                                     |  |  |  |                         |  |  |  |
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| FED. MFG. CODE 91929                                                                                                                                                                |  |  |  | SWITCH - DOOR INTERLOCK |  |  |  |
| MICRO SWITCH<br>a Honeywell Division                                                                                                                                                |  |  |  | GK SERIES CHART 2       |  |  |  |

| THIRD ANGLE PROJECTION                                                                    |                                     |              |                          |
|-------------------------------------------------------------------------------------------|-------------------------------------|--------------|--------------------------|
| SCALE FULL                                                                                |                                     |              |                          |
| DO NOT SCALE PRINT                                                                        |                                     |              |                          |
| TOLERANCES                                                                                |                                     |              |                          |
| APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 1 |                                     |              |                          |
| NO PLACES                                                                                 | 2 PLACES                            | THREE PLACES | FOUR PLACES              |
| INCHES                                                                                    | 2.54                                | 0.001        | 0.0005                   |
| MILLIMETERS                                                                               | 0.025                               | 0.001        | 0.0005                   |
| SI METRIC                                                                                 | <input checked="" type="checkbox"/> | US CUSTOMARY | <input type="checkbox"/> |
| WEIGHT 2.3 kg / 5 LB MAX                                                                  |                                     |              |                          |



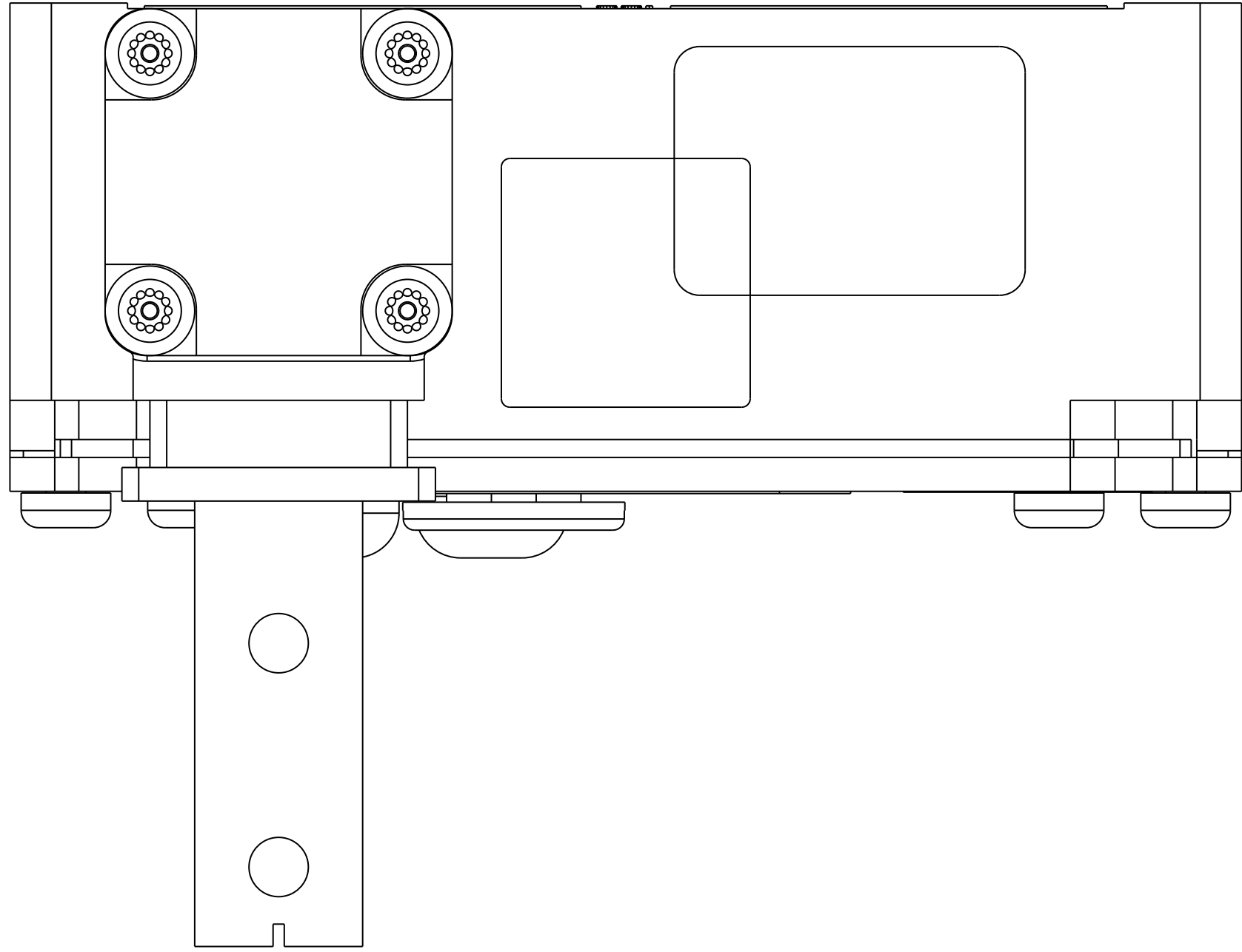
BODY / INDICATOR CODES R OR G



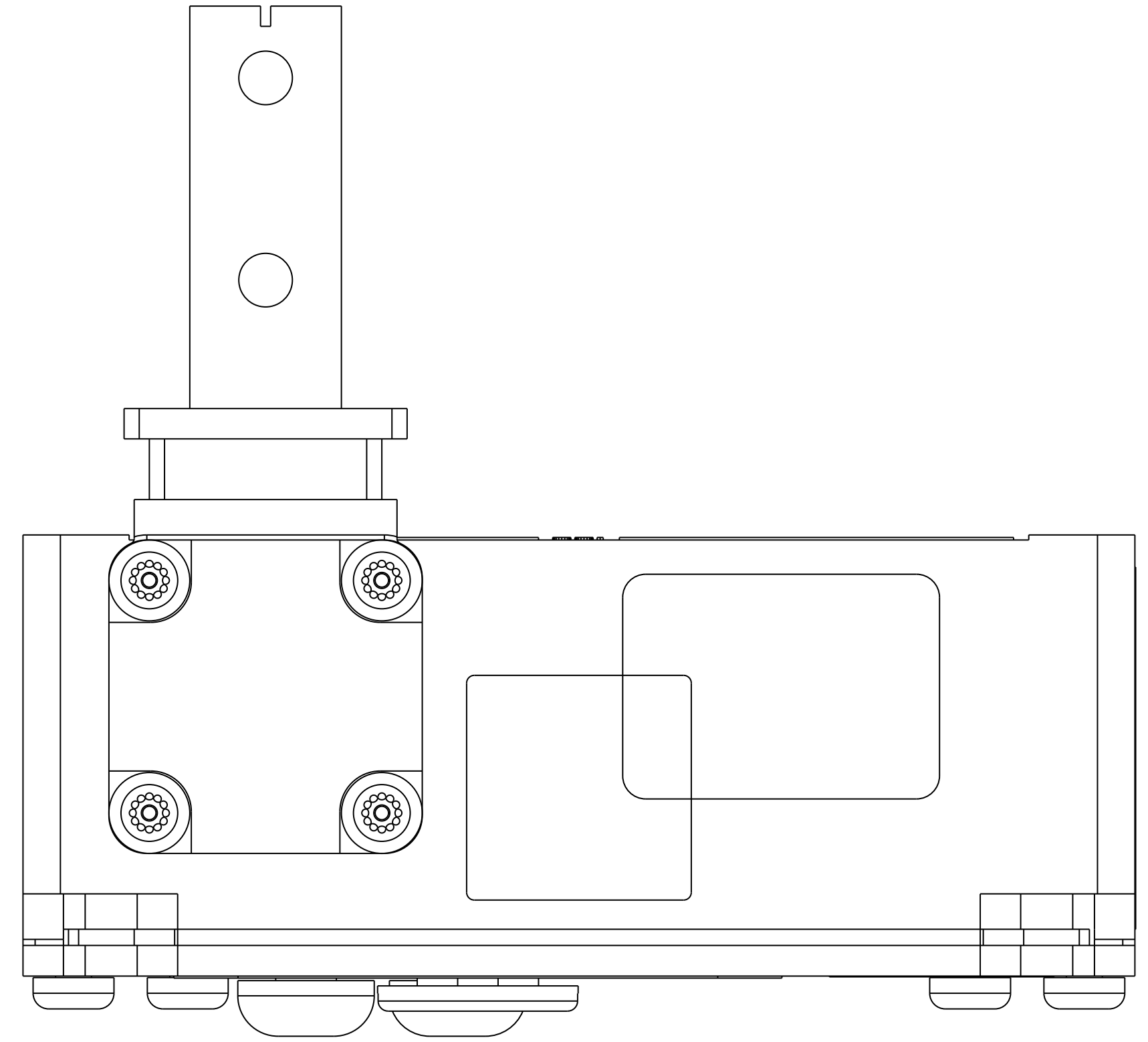
BODY / INDICATOR CODES L OR F

|                                                                                                                                                                                     |  |                          |  |                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--|-------------------|--|
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| MICRO SWITCH<br>a Honeywell Division                                                                                                                                                |  | SWITCH - DOOR INTERLOCK  |  | GK SERIES CHART 2 |  |
| DESIGN UNITS <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY                                                                                    |  | WEIGHT 2,3 kg / 5 LB MAX |  |                   |  |

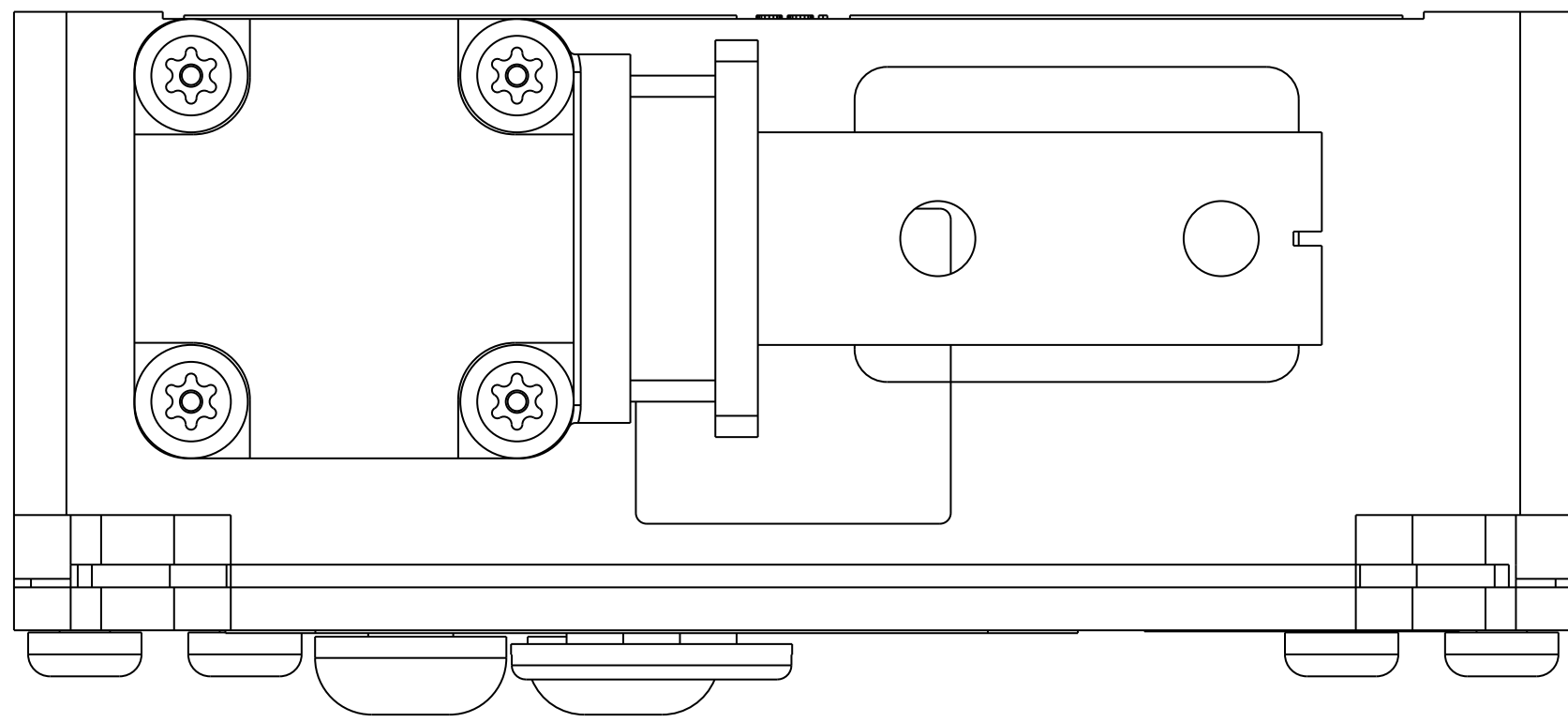
|                                                                                           |      |      |      |       |       |
|-------------------------------------------------------------------------------------------|------|------|------|-------|-------|
| THIRD ANGLE PROJECTION                                                                    |      |      |      |       |       |
| SCALE FULL                                                                                |      |      |      |       |       |
| DO NOT SCALE PRINT                                                                        |      |      |      |       |       |
| TOLERANCES                                                                                |      |      |      |       |       |
| APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED. TOLERANCES ARE 1 |      |      |      |       |       |
| NO PLACES                                                                                 | 2    | 1/16 | 1/32 | 1/64  | 1/128 |
| ONE PLACE                                                                                 | 1/16 | 1/32 | 1/64 | 1/128 | 1/256 |
| TWO PLACES                                                                                | 1/16 | 1/32 | 1/64 | 1/128 | 1/256 |
| THREE PLACES                                                                              | 1/16 | 1/32 | 1/64 | 1/128 | 1/256 |
| ANGLES                                                                                    | 1/16 | 1/32 | 1/64 | 1/128 | 1/256 |



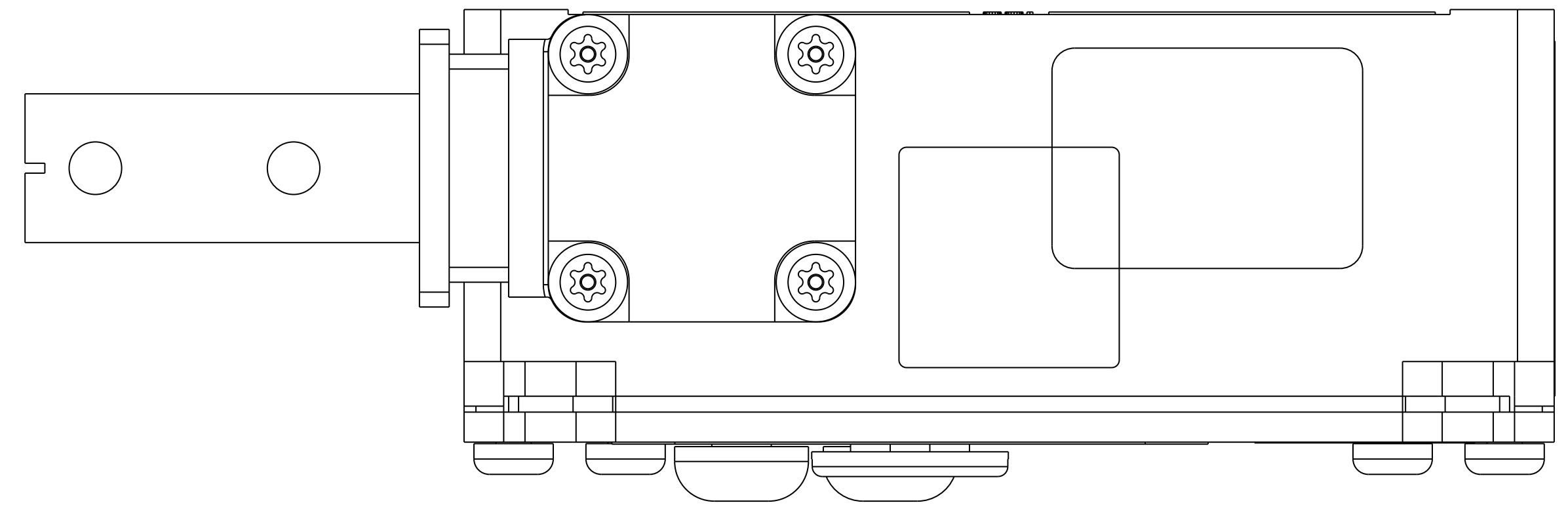
HEAD CODE A OR F



HEAD CODE C OR H



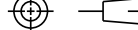
HEAD CODE B OR G

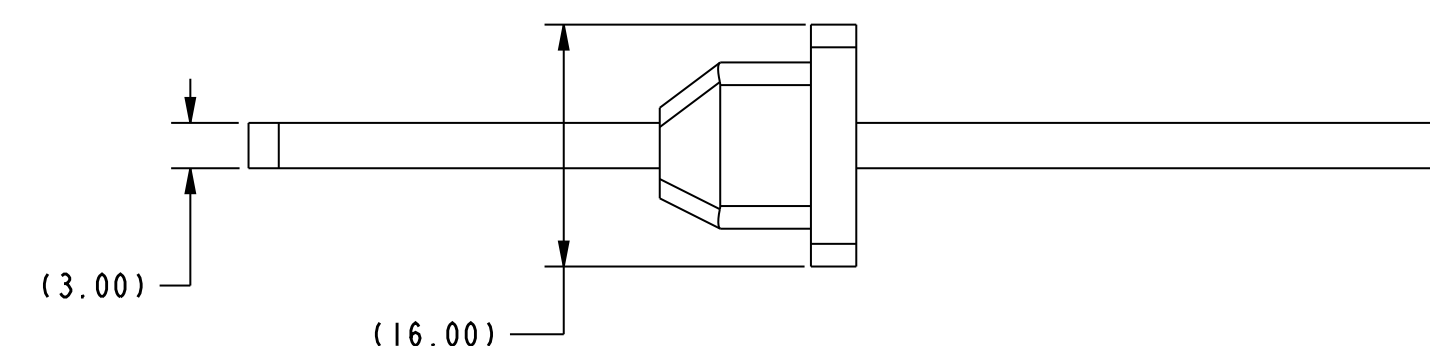
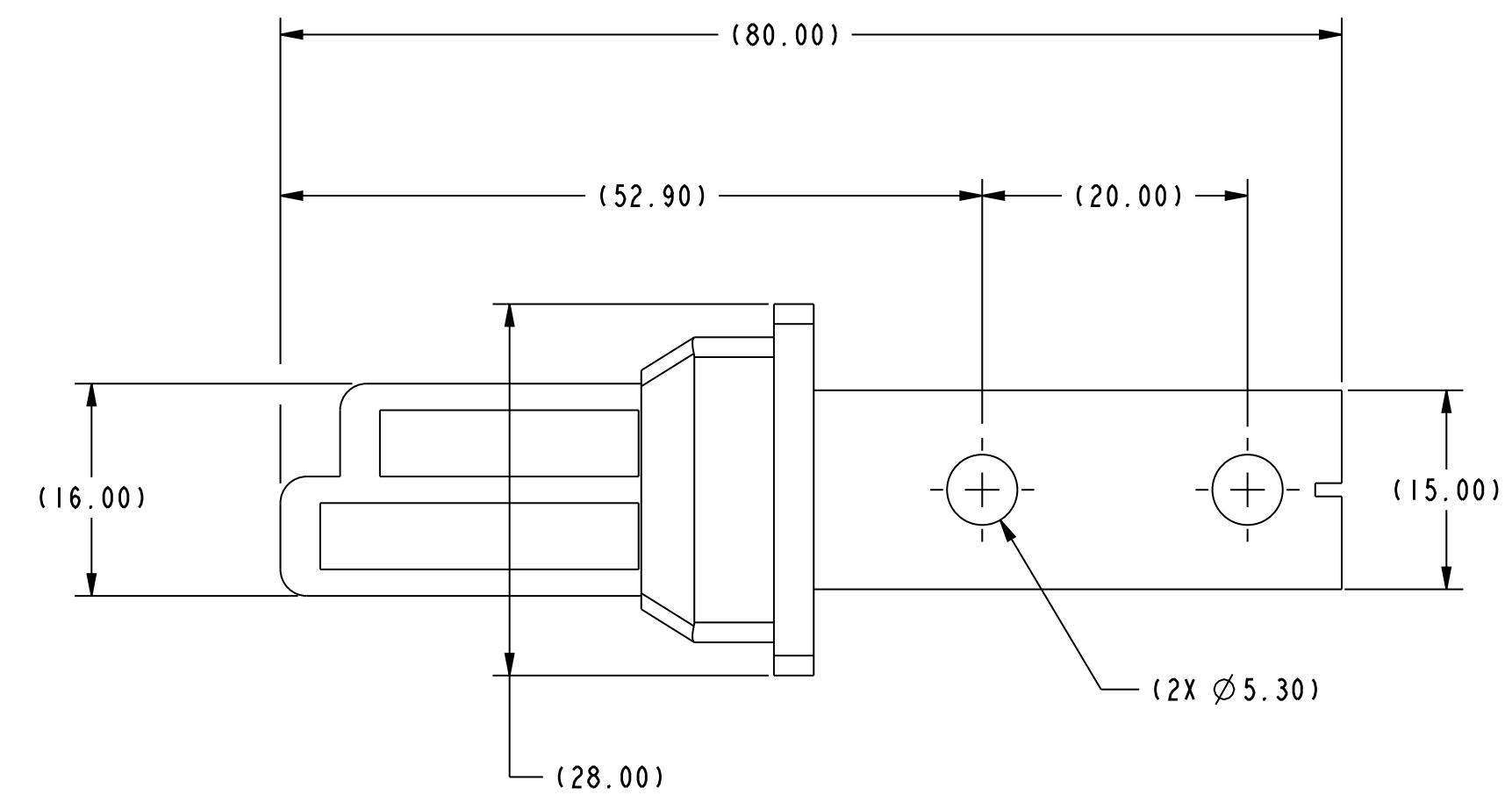


HEAD CODE D OR J

[illegible]

|                                                                                                                                                                                     |                                |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
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| FED. MFG. CODE 91929                                                                                                                                                                | CATALOG LISTING                |                          |
|  <b>MICRO SWITCH</b><br>a Honeywell Division                                                   | <b>SWITCH - DOOR INTERLOCK</b> | <b>GK SERIES CHART 2</b> |
|                                                                                                                                                                                     |                                |                          |

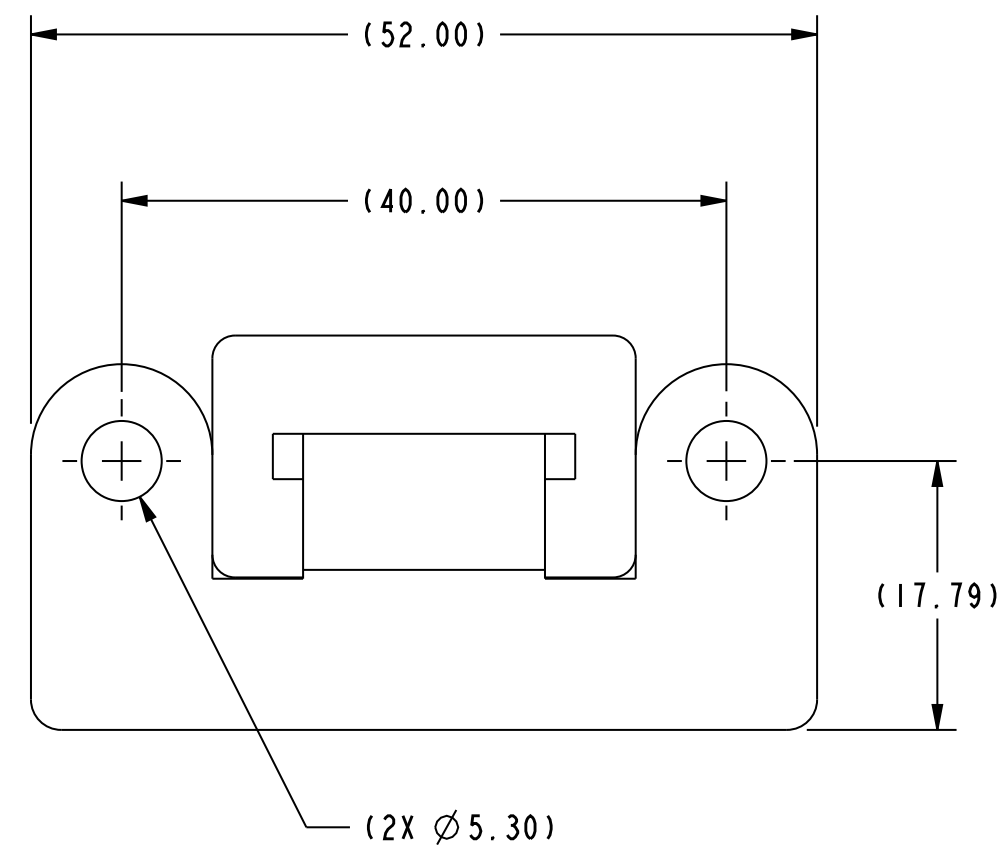
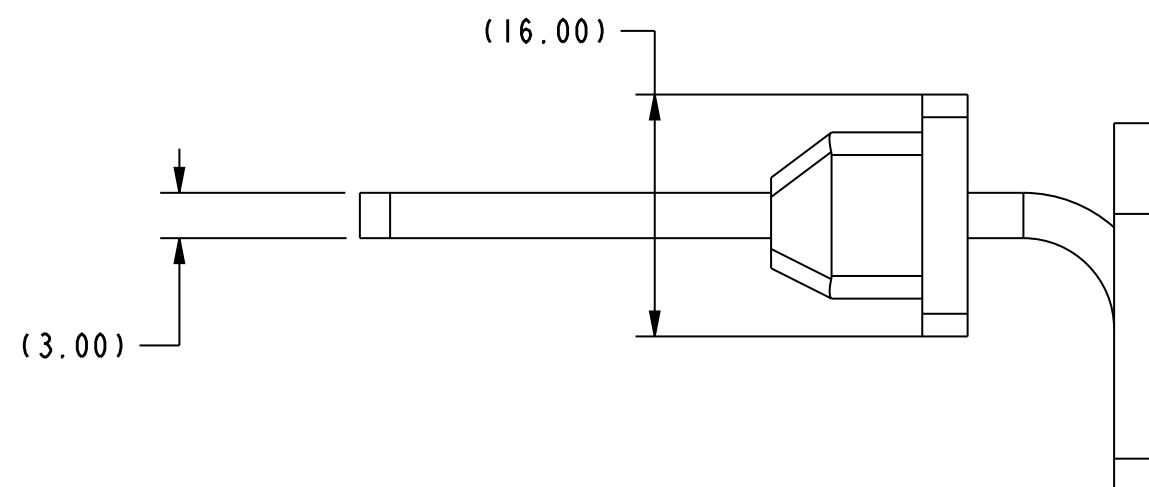
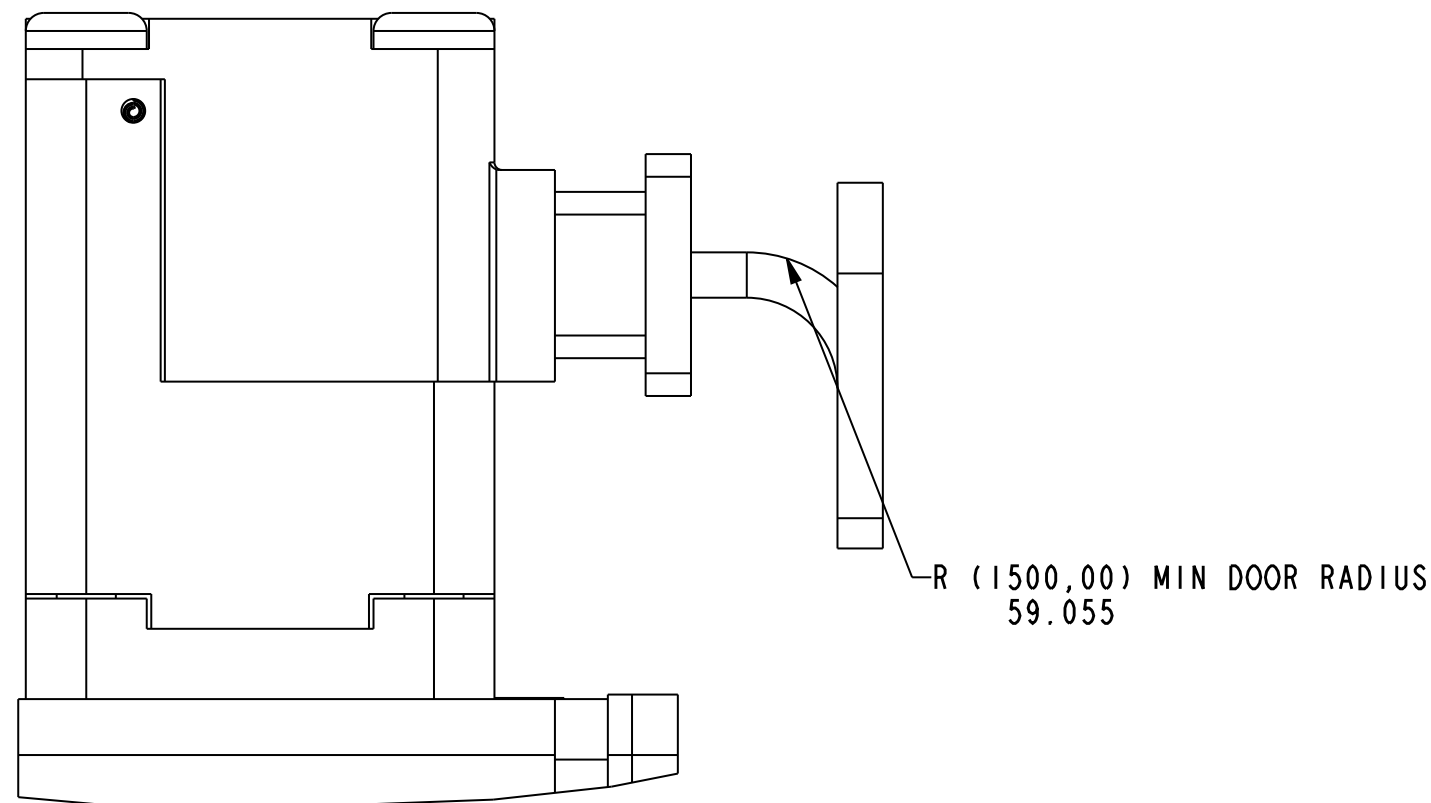
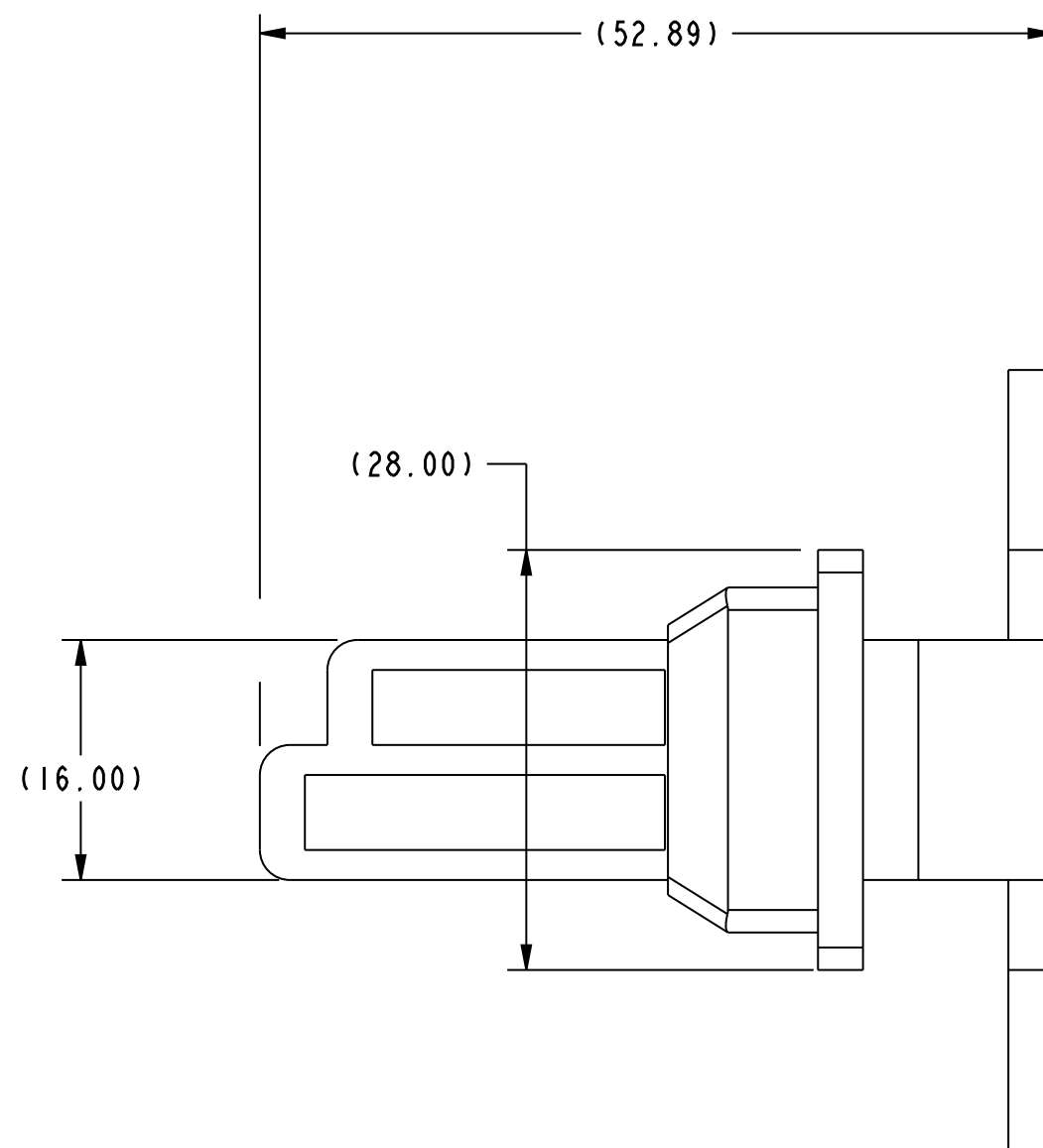
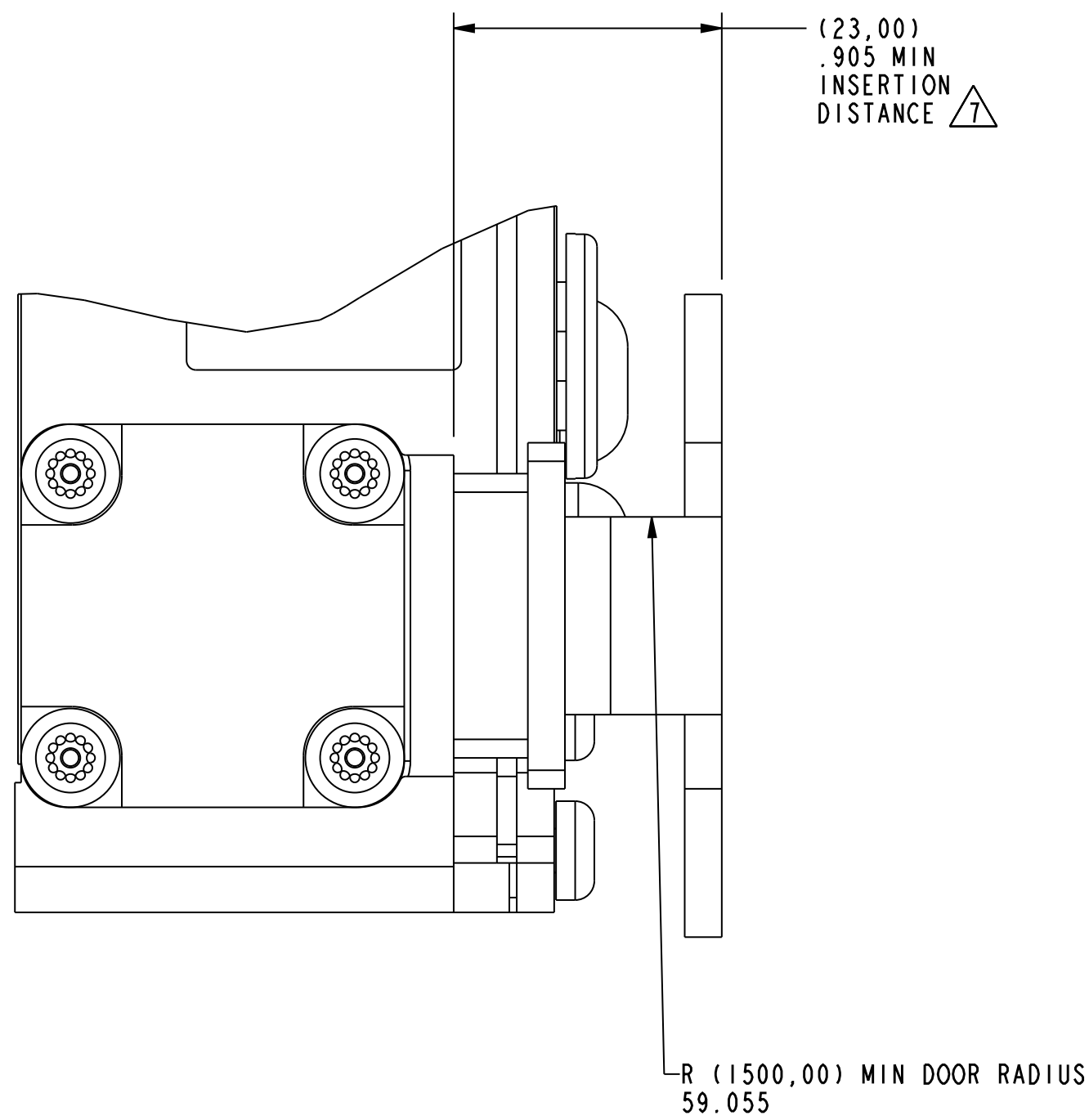
|                                                                                           |              |                          |                |
|-------------------------------------------------------------------------------------------|--------------|--------------------------|----------------|
| <b>THIRD ANGLE PROJECTION</b>                                                             |              |                          |                |
|      |              |                          |                |
| SCALE      2 : 1                                                                          |              |                          |                |
| <b>DO NOT SCALE PRINT</b>                                                                 |              |                          |                |
| <b>TOLERANCES</b>                                                                         |              |                          |                |
| APPLY TO DESIGN UNITS, CONVERSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED, TOLERANCES ARE 1 |              |                          |                |
| FIN                                                                                       | TOL          | FIN                      | TOL            |
| NO PLACES                                                                                 | 0.17, 0.04   | NO PLACES                | 0.17, 0.03     |
| ONE PLACE                                                                                 | 1.1, 0.4     | ONE PLACE                | 1.06, 0.15     |
| TWO PLACES                                                                                | 1.11, 0.44   | TWO PLACES               | 1.061, 0.155   |
| THREE PLACES                                                                              | 1.111, 0.444 | THREE PLACES             | 1.0611, 0.1555 |
| ANGLES                                                                                    |              |                          |                |
| SI METRIC                                                                                 |              | US CUSTOMARY             |                |
| DESIGN UNITS <input checked="" type="checkbox"/>                                          |              | <input type="checkbox"/> |                |
| WEIGHT 2 3 kg / 5 1R MAX                                                                  |              |                          |                |



**KEY CODE 1**

[illegible]

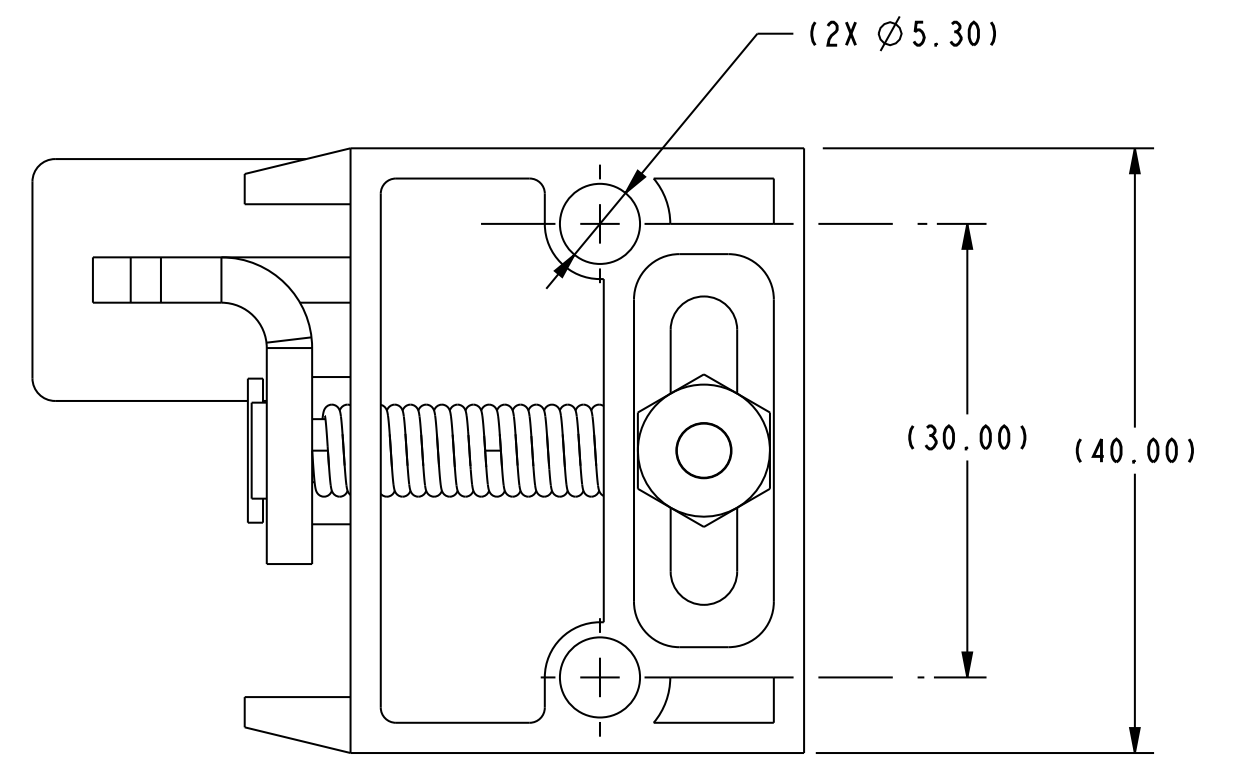
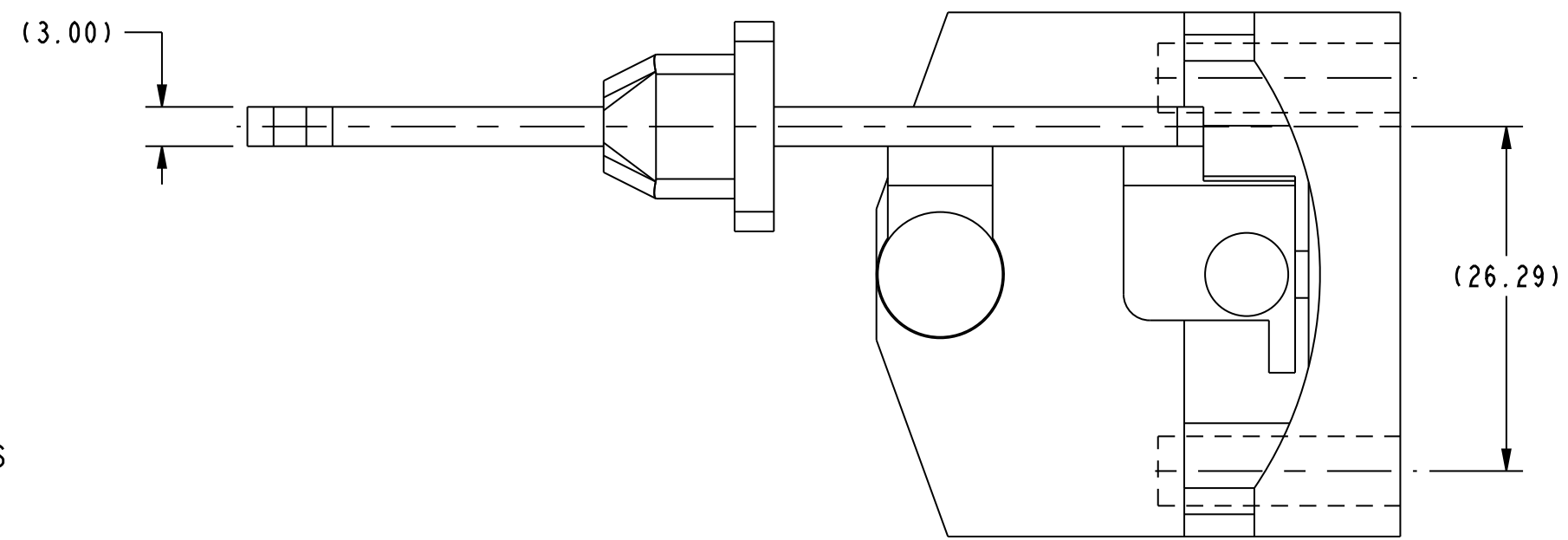
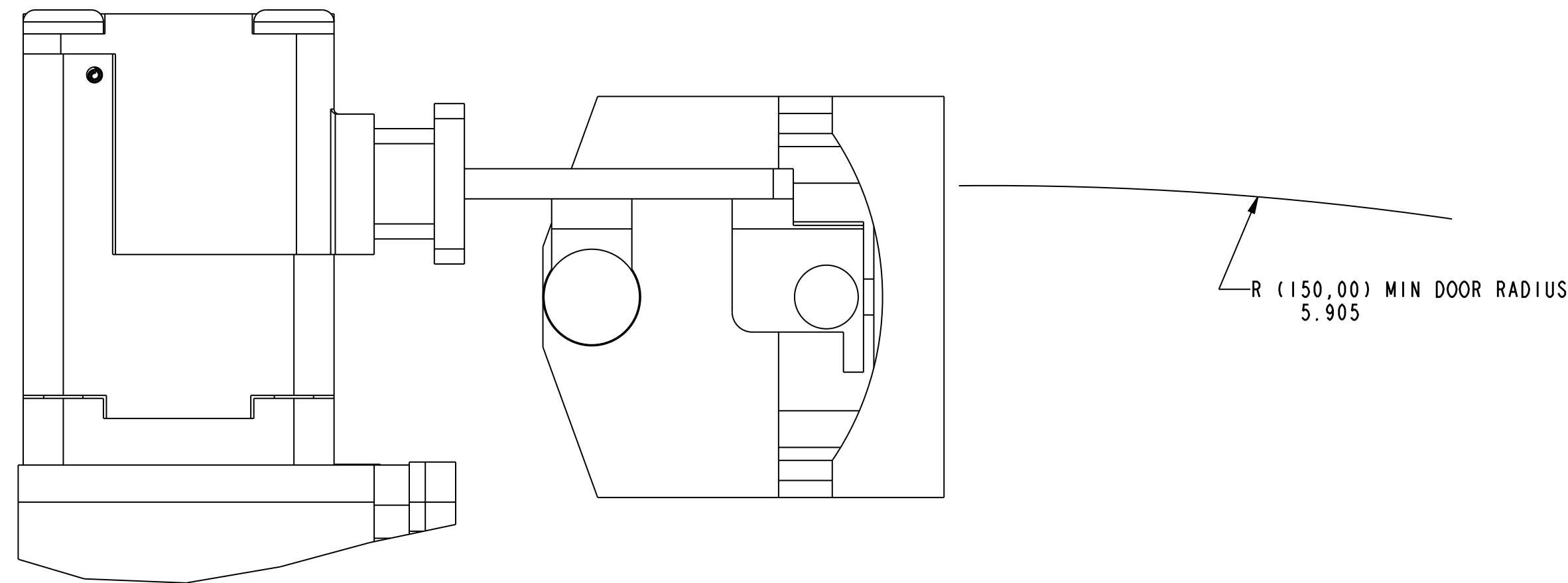
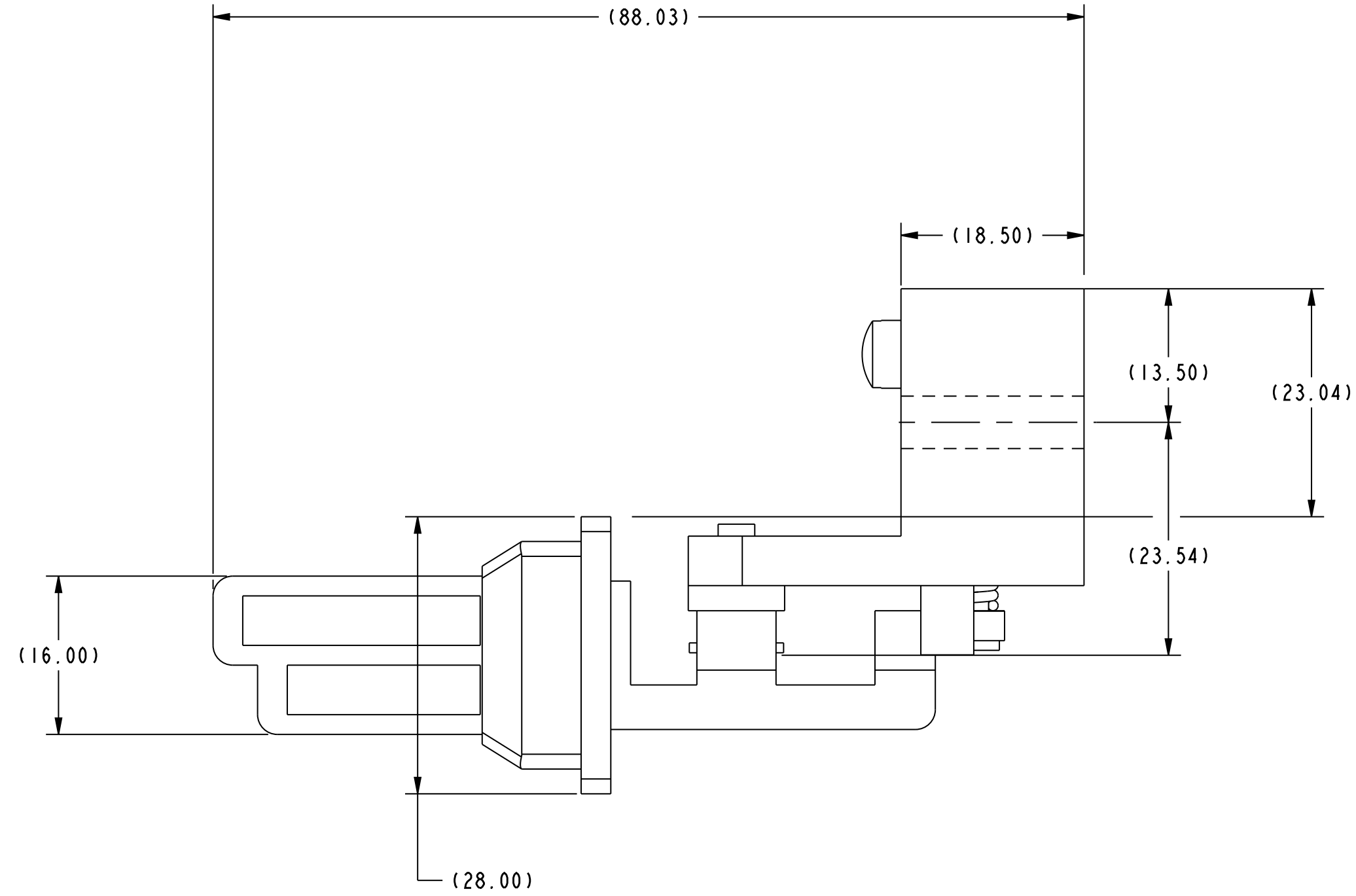
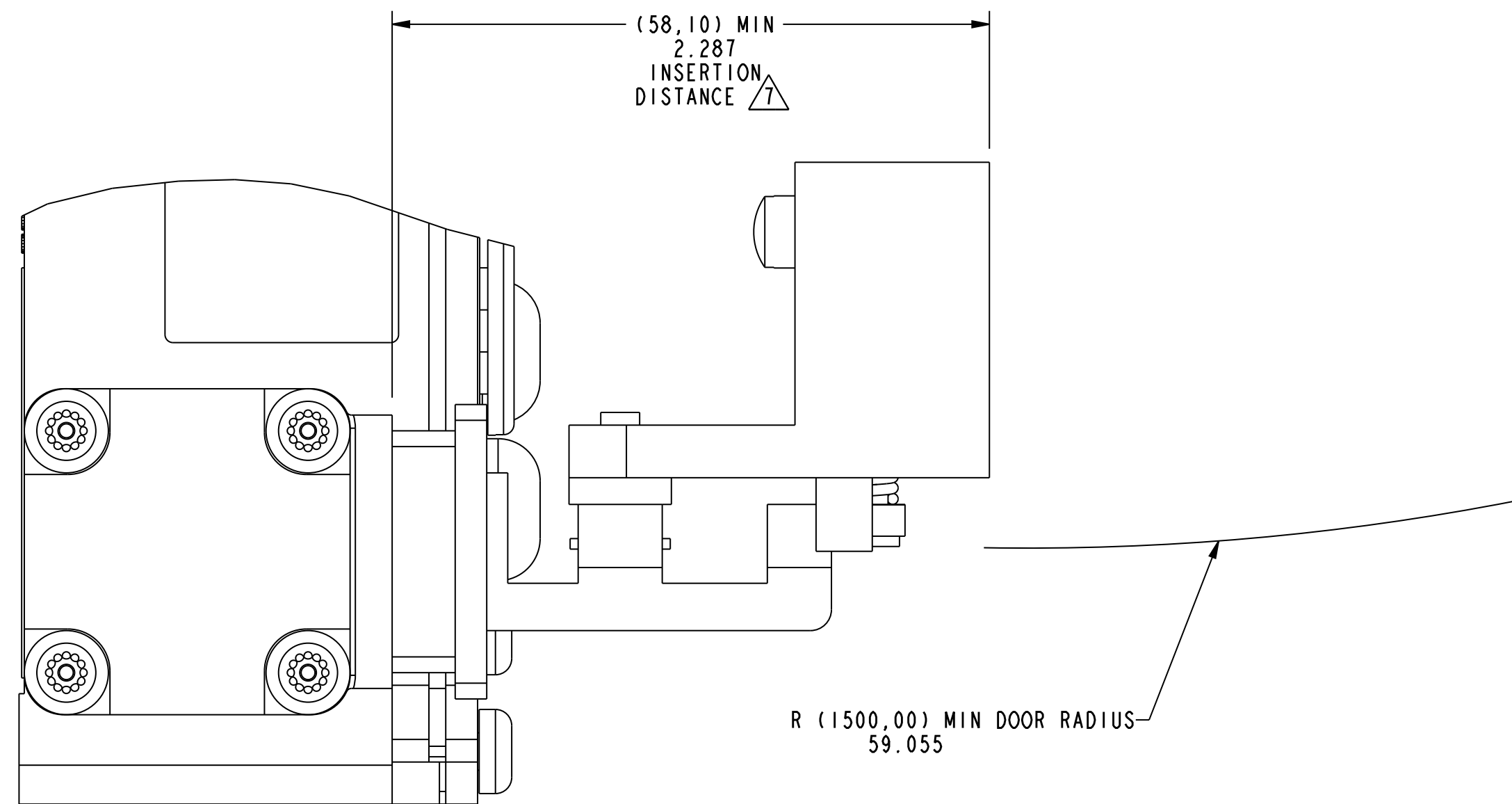
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|-----|----|-----|------|------|------|------|-----------|-------|-------|-------|-----------|-------|-------|-------|------------|-------|-------|-------|--------------|-------|-------|-------|--------|-------|-------|-------|
| FED. MFG. CODE 91929                                                                                                                                                                |       | CATALOG LISTING                                  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
| <b>MICRO SWITCH</b><br>a Honeywell Division                                                                                                                                         |       | <b>SWITCH - DOOR INTERLOCK</b>                   |       | <b>GK SERIES CHART 2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
|                                                                                                                                                                                     |       |                                                  |       | <table border="1"> <thead> <tr> <th>RM</th> <th>TOL</th> <th>RM</th> <th>JIN</th> </tr> <tr> <th>(mm)</th> <th>(in)</th> <th>(mm)</th> <th>(in)</th> </tr> </thead> <tbody> <tr> <td>NO PLACES</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> </tr> <tr> <td>ONE PLACE</td> <td>0.001</td> <td>0.001</td> <td>0.001</td> </tr> <tr> <td>TWO PLACES</td> <td>0.002</td> <td>0.002</td> <td>0.002</td> </tr> <tr> <td>THREE PLACES</td> <td>0.003</td> <td>0.003</td> <td>0.003</td> </tr> <tr> <td>ANGLES</td> <td>0.004</td> <td>0.004</td> <td>0.004</td> </tr> </tbody> </table> |  | RM | TOL | RM | JIN | (mm) | (in) | (mm) | (in) | NO PLACES | 0.000 | 0.000 | 0.000 | ONE PLACE | 0.001 | 0.001 | 0.001 | TWO PLACES | 0.002 | 0.002 | 0.002 | THREE PLACES | 0.003 | 0.003 | 0.003 | ANGLES | 0.004 | 0.004 | 0.004 |
| RM                                                                                                                                                                                  | TOL   | RM                                               | JIN   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
| (mm)                                                                                                                                                                                | (in)  | (mm)                                             | (in)  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
| NO PLACES                                                                                                                                                                           | 0.000 | 0.000                                            | 0.000 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
| ONE PLACE                                                                                                                                                                           | 0.001 | 0.001                                            | 0.001 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
| TWO PLACES                                                                                                                                                                          | 0.002 | 0.002                                            | 0.002 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
| THREE PLACES                                                                                                                                                                        | 0.003 | 0.003                                            | 0.003 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
| ANGLES                                                                                                                                                                              | 0.004 | 0.004                                            | 0.004 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
|                                                                                                                                                                                     |       | SI METRIC<br><input checked="" type="checkbox"/> |       | US CUSTOMARY<br><input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
|                                                                                                                                                                                     |       | DESIGN UNITS                                     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |
|                                                                                                                                                                                     |       | WEIGHT 2.3 kg / 5 LB MAX                         |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |    |     |    |     |      |      |      |      |           |       |       |       |           |       |       |       |            |       |       |       |              |       |       |       |        |       |       |       |



KEY CODE 2

|                                                                                                                                                                                     |  |                                       |  |
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| FED. MFG. CODE 91929                                                                                                                                                                |  | GK SERIES CHART 2                     |  |
| MICRO SWITCH<br>a Honeywell Division                                                                                                                                                |  | SWITCH - DOOR INTERLOCK               |  |
| DESIGN UNITS <input checked="" type="checkbox"/> SI METRIC                                                                                                                          |  | US CUSTOMARY <input type="checkbox"/> |  |
| WEIGHT 2,3 kg / 5 LB MAX                                                                                                                                                            |  |                                       |  |

|                                                                                                         |      |       |      |
|---------------------------------------------------------------------------------------------------------|------|-------|------|
| THIRD ANGLE PROJECTION                                                                                  |      |       |      |
| SCALE 2 : 1                                                                                             |      |       |      |
| DO NOT SCALE PRINT                                                                                      |      |       |      |
| TOLERANCES<br>APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED. TOLERANCES ARE 1 |      |       |      |
| NO PLACES                                                                                               | 2    | 1/16  | 1/8  |
| ONE PLACE                                                                                               | 1/16 | 1/32  | 1/16 |
| TWO PLACES                                                                                              | 1/32 | 1/64  | 1/32 |
| THREE PLACES                                                                                            | 1/64 | 1/128 | 1/64 |
| ANGLES                                                                                                  |      |       |      |

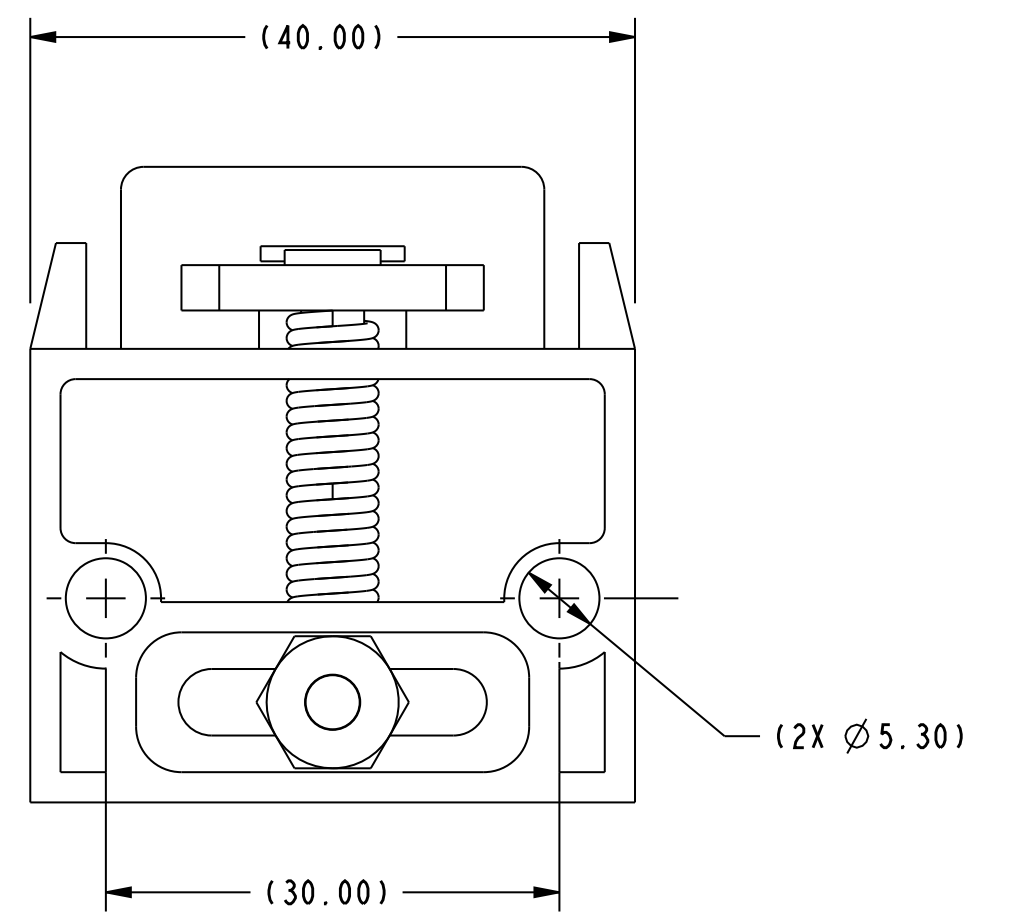
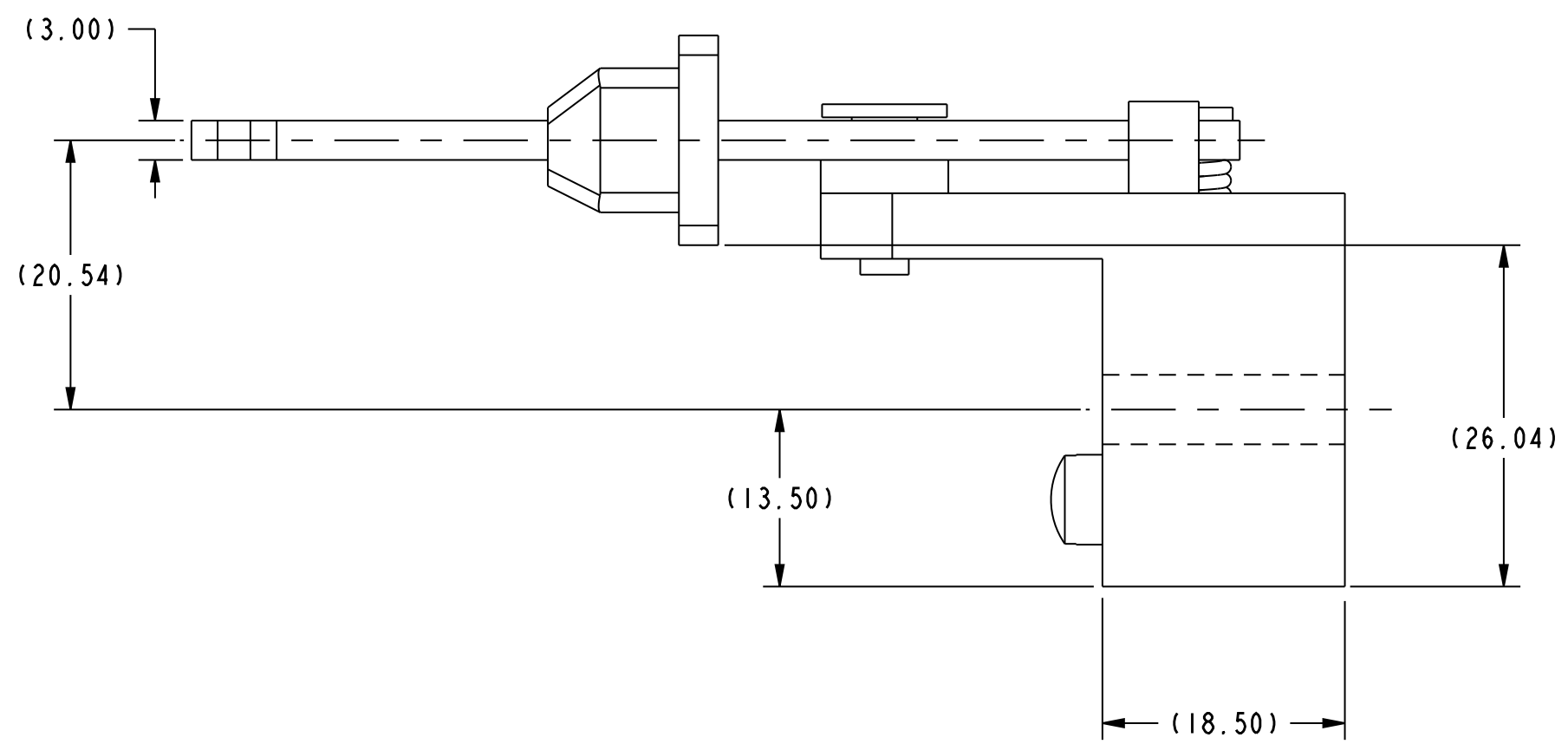
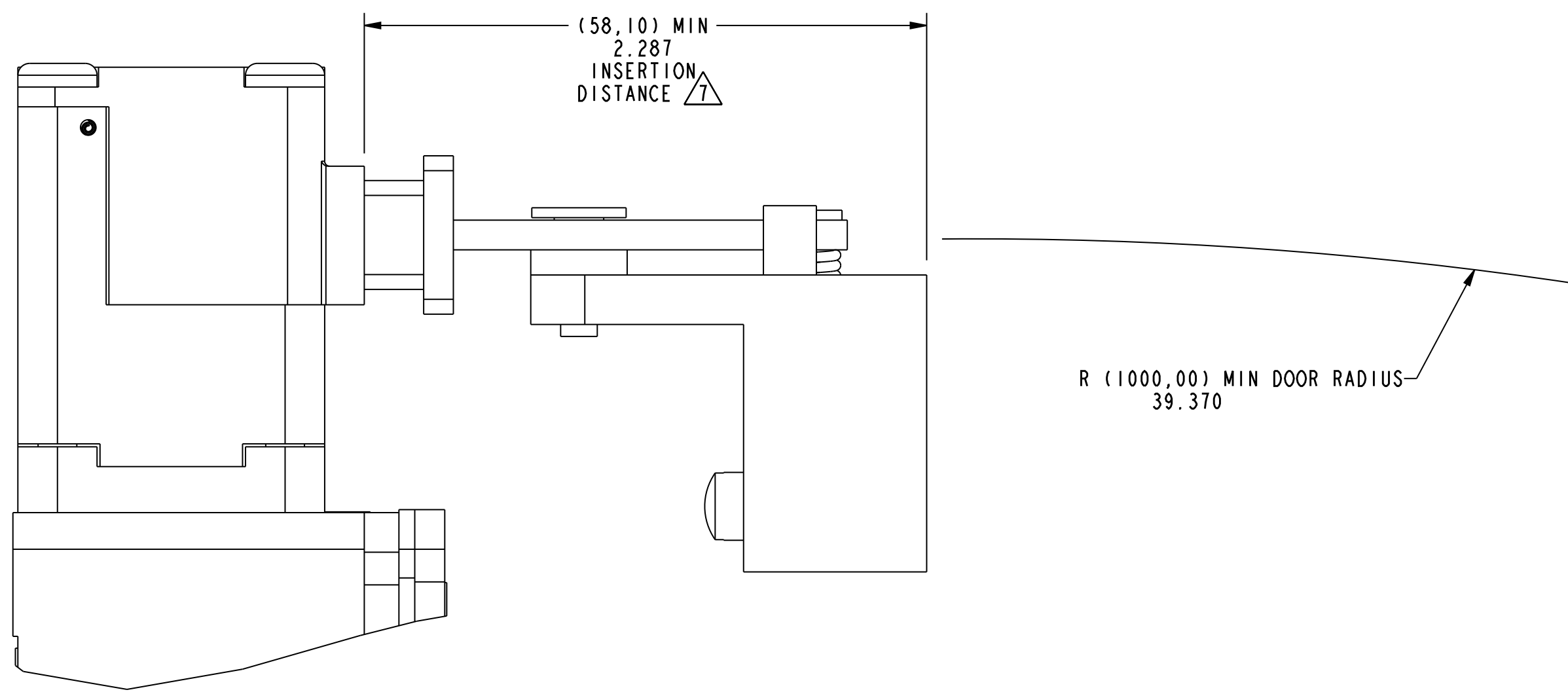
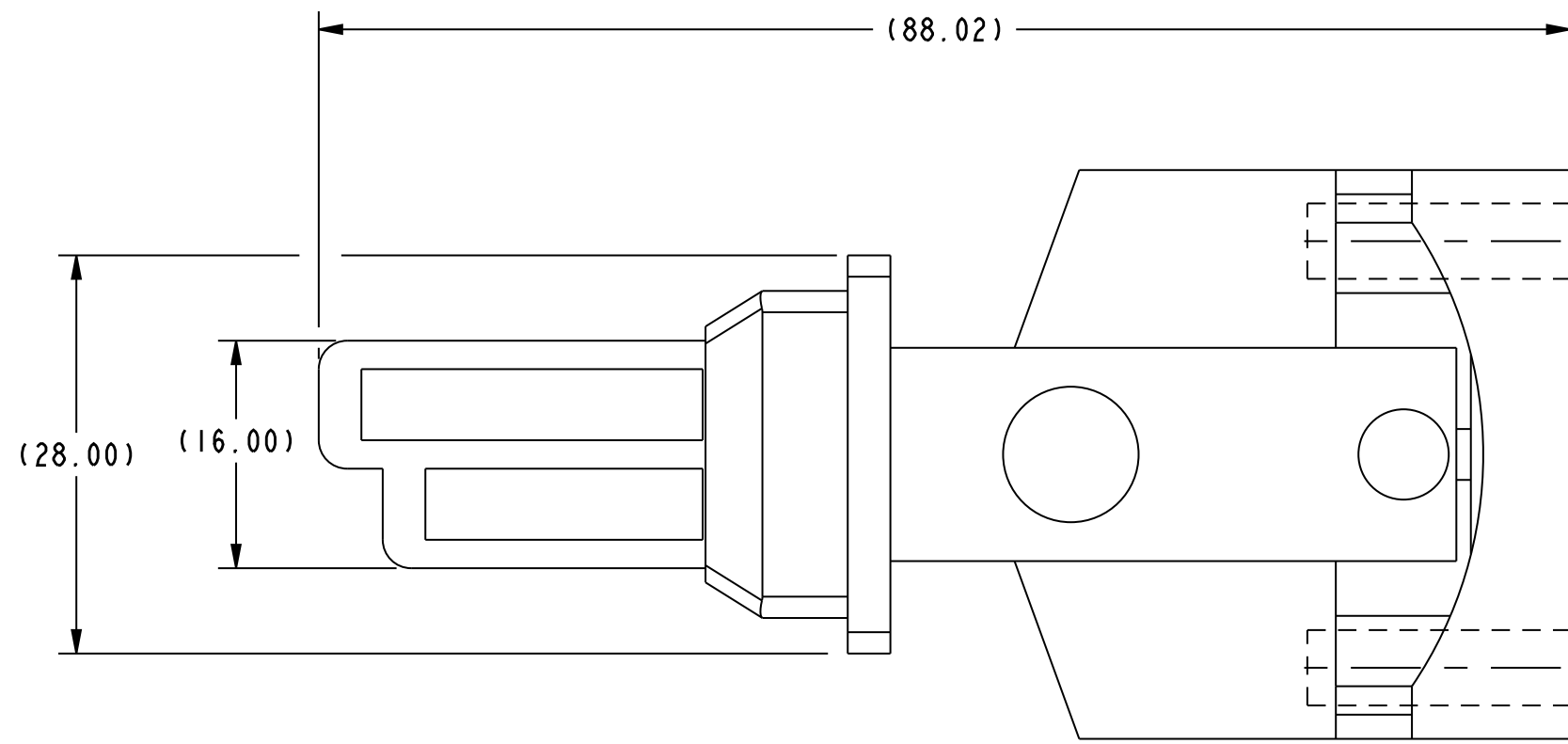
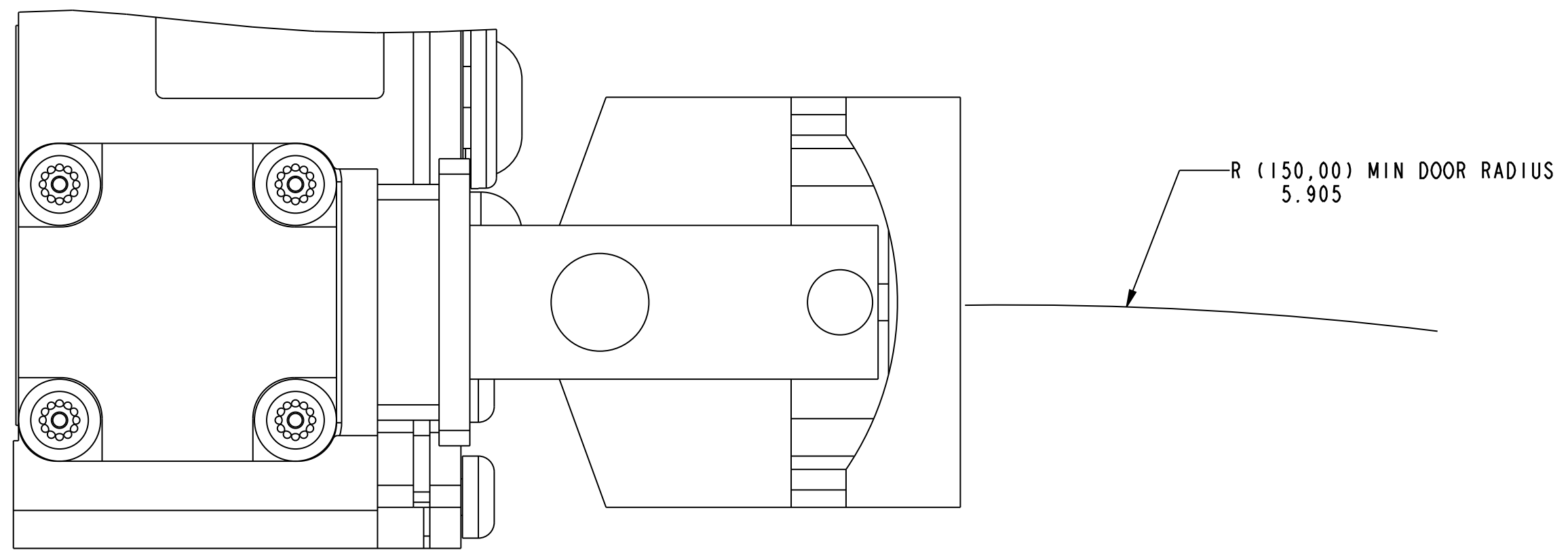


KEY CODE 3

|                                                                                                                                                                                     |  |                          |  |                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--|-------------------|--|
| 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   |  |
| <b>MICRO SWITCH</b><br>a Honeywell Division                                                                                                                                         |  | SWITCH - DOOR INTERLOCK  |  | GK SERIES CHART 2 |  |
| DESIGN UNITS <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY                                                                                    |  | WEIGHT 2,3 kg / 5 LB MAX |  |                   |  |

|                                                                                                         |     |     |     |      |       |
|---------------------------------------------------------------------------------------------------------|-----|-----|-----|------|-------|
| THIRD ANGLE PROJECTION<br>                                                                              |     |     |     |      |       |
| SCALE 2 : 1                                                                                             |     |     |     |      |       |
| DO NOT SCALE PRINT                                                                                      |     |     |     |      |       |
| TOLERANCES<br>APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED. TOLERANCES ARE 1 |     |     |     |      |       |
| NO PLACES                                                                                               | 2   | 1/2 | 1/4 | 1/8  | 1/16  |
| ONE PLACE                                                                                               | 1.2 | 0.6 | 0.3 | 0.15 | 0.075 |
| TWO PLACES                                                                                              | 1.2 | 0.6 | 0.3 | 0.15 | 0.075 |
| THREE PLACES                                                                                            | 1.2 | 0.6 | 0.3 | 0.15 | 0.075 |

ANSI Y14.5M-1982 APPLIES



KEY CODE 4

|                                                                                                                                                                                     |                                |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-------------------------------------|--------------------------|-----------|-----------|--------|----------|-----------|-----------|--------|------------|------------|-----------|--------|-----------|--------------|-----------|--------|-----------|--------|-----------|--------|-----------|
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| FED. MFG. CODE 91929                                                                                                                                                                | CATALOG LISTING                |                                     | <table><tr><td>R&amp;M</td><td>TOL</td><td>R&amp;M</td><td>TOL</td></tr><tr><td>NO PLACES</td><td>1/4" .004</td><td>1" .01</td><td>0.80/.01</td></tr><tr><td>ONE PLACE</td><td>1/4" .004</td><td>1" .01</td><td>0.380/.005</td></tr><tr><td>TWO PLACES</td><td>1/4" .004</td><td>1" .01</td><td>1.10/.005</td></tr><tr><td>THREE PLACES</td><td>1/4" .004</td><td>1" .01</td><td>1.10/.005</td></tr><tr><td>ANGLES</td><td>1/4" .004</td><td>1" .01</td><td>1.10/.005</td></tr></table> | R&M       | TOL          | R&M                                 | TOL                      | NO PLACES | 1/4" .004 | 1" .01 | 0.80/.01 | ONE PLACE | 1/4" .004 | 1" .01 | 0.380/.005 | TWO PLACES | 1/4" .004 | 1" .01 | 1.10/.005 | THREE PLACES | 1/4" .004 | 1" .01 | 1.10/.005 | ANGLES | 1/4" .004 | 1" .01 | 1.10/.005 |
| R&M                                                                                                                                                                                 | TOL                            | R&M                                 | TOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
| NO PLACES                                                                                                                                                                           | 1/4" .004                      | 1" .01                              | 0.80/.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
| ONE PLACE                                                                                                                                                                           | 1/4" .004                      | 1" .01                              | 0.380/.005                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
| TWO PLACES                                                                                                                                                                          | 1/4" .004                      | 1" .01                              | 1.10/.005                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
| THREE PLACES                                                                                                                                                                        | 1/4" .004                      | 1" .01                              | 1.10/.005                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
| ANGLES                                                                                                                                                                              | 1/4" .004                      | 1" .01                              | 1.10/.005                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
| <b>MICRO SWITCH</b><br>a Honeywell Division                                                                                                                                         | <b>SWITCH - DOOR INTERLOCK</b> | <b>GK SERIES CHART 2</b>            | <table><tr><td>SI METRIC</td><td>US CUSTOMARY</td></tr><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>                                                                                                                                                                                                                                                                                                                                   | SI METRIC | US CUSTOMARY | <input checked="" type="checkbox"/> | <input type="checkbox"/> |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
|                                                                                                                                                                                     |                                | SI METRIC                           | US CUSTOMARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
|                                                                                                                                                                                     |                                | <input checked="" type="checkbox"/> | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
| DESIGN UNITS                                                                                                                                                                        |                                |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |
|                                                                                                                                                                                     |                                | WEIGHT 2.3 kg / 5 LB MAX            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |              |                                     |                          |           |           |        |          |           |           |        |            |            |           |        |           |              |           |        |           |        |           |        |           |

**MICRO SWITCH**  
a Honeywell Division

FED. MFG. CODE 91929

# SWITCH - DOOR INTERLOCK

CATALOG LISTING

## GK SERIES CHART 2

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CATALOG LISTING  
**GK SERIES CHART 2**

PAGE 8 OF 14

REPLACES  
CO-93702

ISSUE  
**13**

### REVISIONS

|   |         |     |           |
|---|---------|-----|-----------|
| A | 205975  | RED | 18 JUL 02 |
| B | 0065737 | PRS | 28 MAY 10 |

CHECK  
CMH

CHECK  
CMH

CHECK  
20 OCT 98

CHECK  
JAF

CHECK  
20 OCT 98

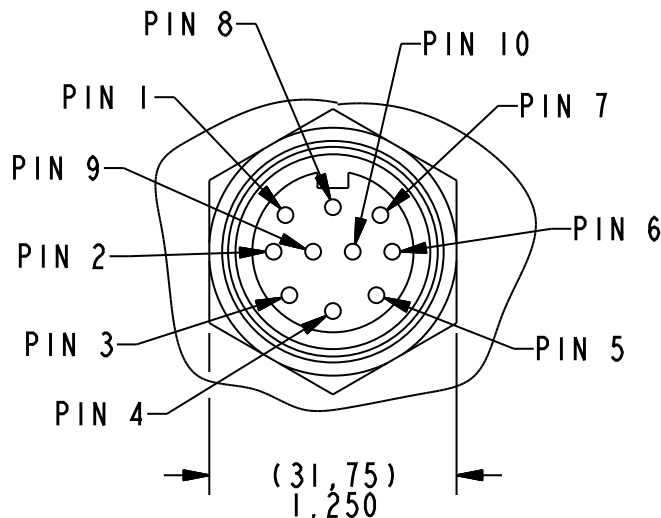
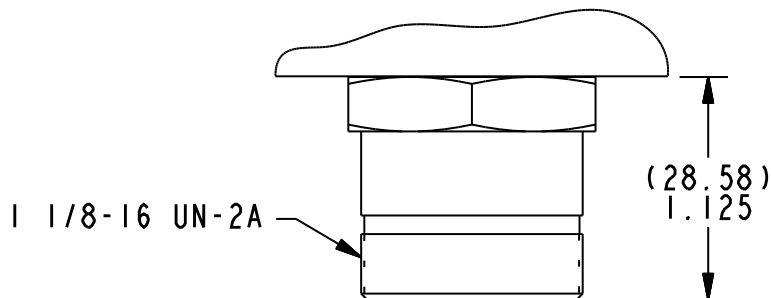
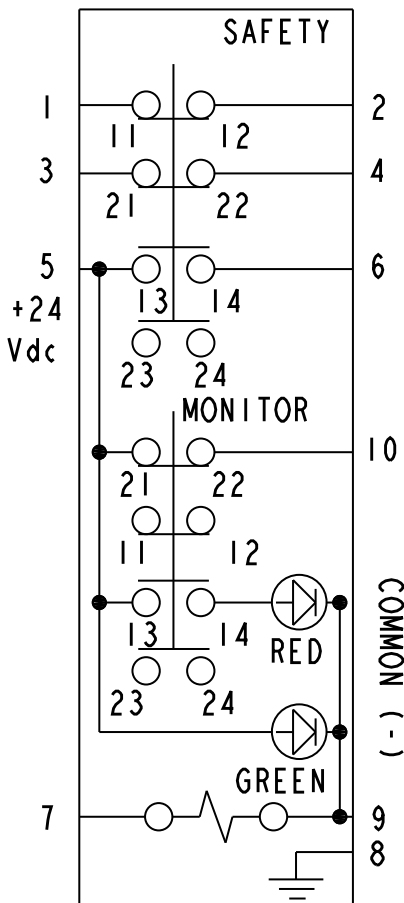
CHECK  
JAF

CHECK  
20 OCT 98

CHECK  
JAF

CHECK  
20 OCT 98

CHECK  
JAF



300V 7A  
BRAD-HARRISON PART NO. 3R1006A21F010  
OR EQUIVALENT

**MODIFICATION CODE: F04**

ANSI Y14.5M-1982 APPLIES

|                                                                                           |       |                                                                                     |                 |
|-------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|-----------------|
| THIRD ANGLE PROJECTION                                                                    |       |                                                                                     |                 |
|                                                                                           |       |                                                                                     |                 |
| SCALE NONE                                                                                |       |                                                                                     |                 |
| DO NOT SCALE PRINT                                                                        |       |                                                                                     |                 |
| TOLERANCES                                                                                |       |                                                                                     |                 |
| APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE : |       |                                                                                     |                 |
|                                                                                           | DIM.  | TOL.                                                                                | DIM.            |
|                                                                                           | mm    | mm/in                                                                               | in              |
| NO PLACES                                                                                 | X     | 1/64                                                                                | X.X 0.87/03     |
| ONE PLACE                                                                                 | X.X   | 0.47/016                                                                            | X.XX 0.387/015  |
| TWO PLACES                                                                                | X.XX  | 0.157/006                                                                           | X.XXX 0.137/005 |
| THREE PLACES                                                                              | X.XXX |                                                                                     |                 |
| ANGLES                                                                                    |       |                                                                                     |                 |
| SI METRIC                                                                                 |       | US CUSTOMARY                                                                        |                 |
| DESIGN UNITS                                                                              |       | <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY |                 |
| WEIGHT 2,3 kg / 5 LB MAX                                                                  |       |                                                                                     |                 |

**MICRO SWITCH**  
a **Honeywell Division**

FED. MFG. CODE 91929

# SWITCH - DOOR INTERLOCK

CATALOG LISTING

## GK SERIES CHART 2

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CATALOG LISTING  
**GK SERIES CHART 2**

PAGE 9 OF 14

ISSUE  
**13**

REPLACES  
CO-93702

CHECK

REVISIONS

A 205975

RED  
18 JUN 02

B 0065737

PRS  
28 MAY 10

CMH

CHECK

20 OCT 98

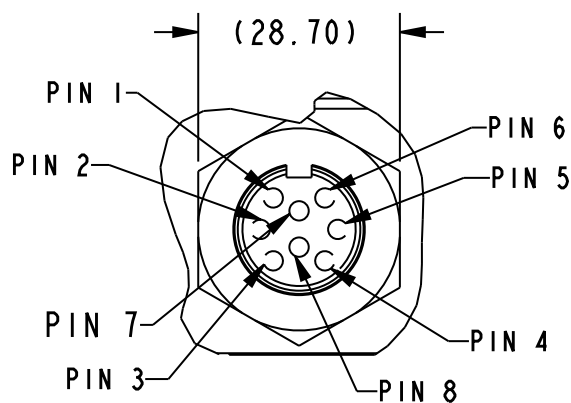
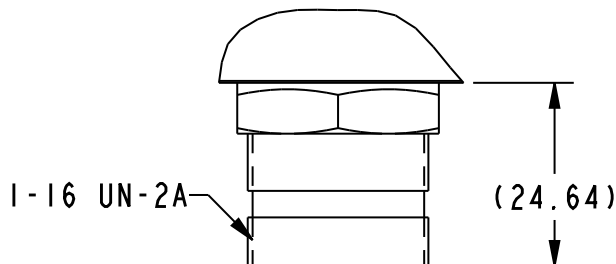
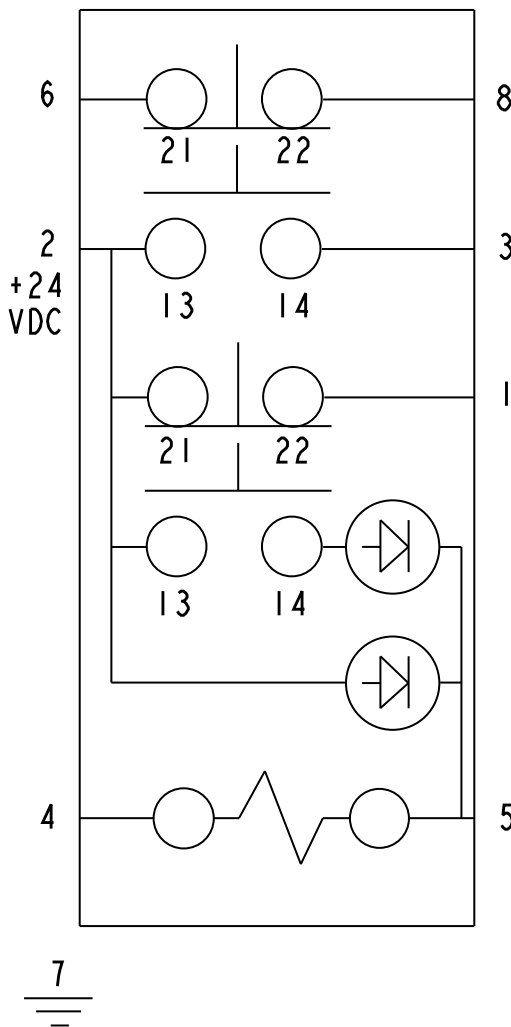
JAF

CHECK

20 OCT 98

SAV

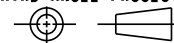
PTC/CAD



300V 7A  
BRAD-HARRISON 43005 OR EQUIVALENT

**MODIFICATION CODE: F03**

THIRD ANGLE PROJECTION



SCALE FULL

DO NOT SCALE PRINT

TOLERANCES

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

|              | DIM.<br>mm | TOL.<br>mm/in | DIM.<br>in | TOL.<br>mm/in |
|--------------|------------|---------------|------------|---------------|
| NO PLACES    | X          | 1/100         | X.X        | 0.01/0.03     |
| ONE PLACE    | X.X        | 0.01/0.03     | X.XX       | 0.001/0.015   |
| TWO PLACES   | X.XX       | 0.001/0.006   | X.XXX      | 0.0001/0.005  |
| THREE PLACES | X.XXX      |               |            |               |

SI METRIC ☒ US CUSTOMARY ☐

DESIGN UNITS ☒ WEIGHT 2,3 kg / 5 LB MAX

ANSI Y14.5M-1982 APPLIES

CATALOG LISTING  
GK SERIES CHART 2  
PAGE 10 OF 14  
REPLACES  
CO-93702  
CHECK  
CMH  
24 AUG 99  
JAF  
24 AUG 99  
KED  
24 AUG 99  
DRAWN  
PTC/CAD 2D

ISSUE  
13

REVISIONS  
A 205975  
RED 18 JUL 02  
B 0065737  
PHS 28 MAY 10  
CMH  
28 MAY 10  
CHECK  
CMH  
24 AUG 99  
JAF  
24 AUG 99  
KED  
24 AUG 99

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

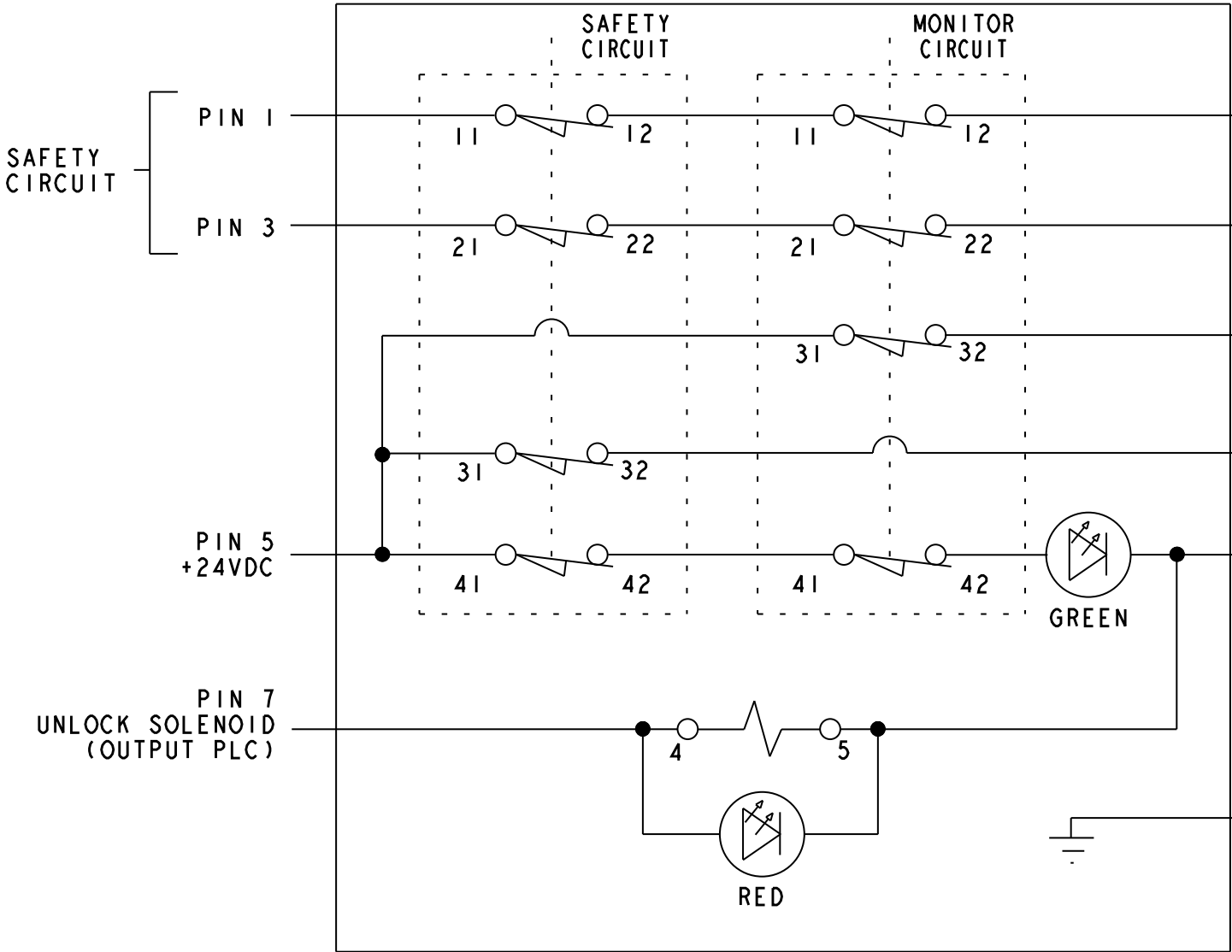
**SWITCH-DOOR INTERLOCK**

**GK SERIES CHART 2**

CATALOG LISTING

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**MODIFICATION CODE: F05**



PIN 2  
PIN 4  
SAFETY  
CIRCUIT

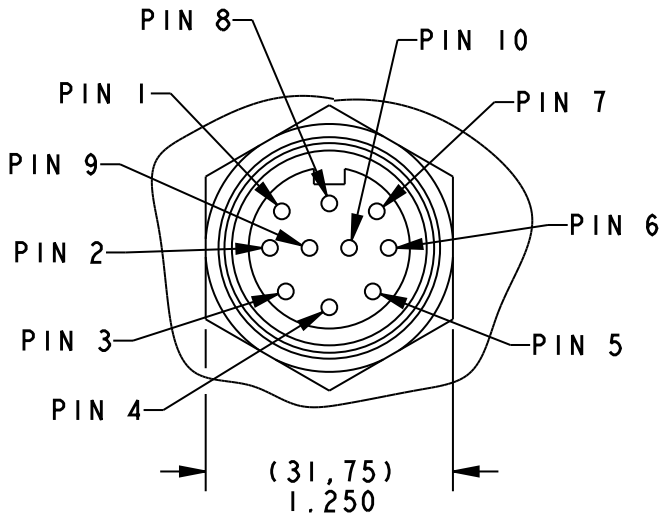
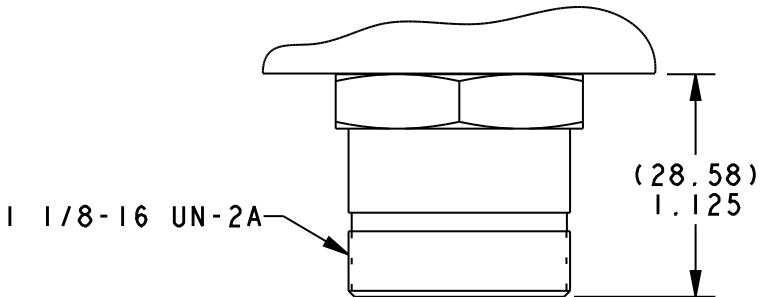
PIN 6  
GATE LOCKED (PLC INPUT)

PIN 10  
GATE CLOSED (PLC INPUT)

PIN 9  
COMMON (-)

RED LED - GATE CLOSED AND LOCKED  
GREEN LED - OK TO OPEN GATE

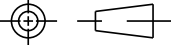
PIN 8

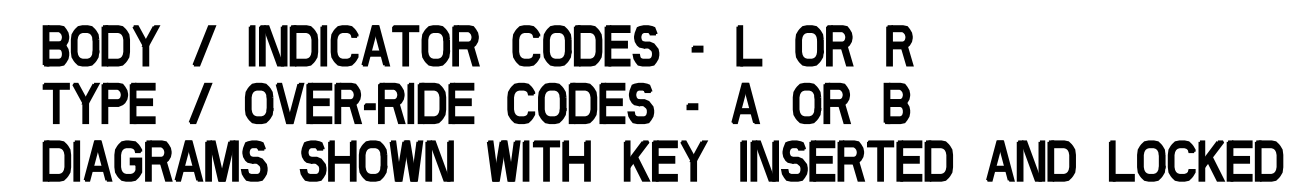


300V 7A  
BRAD-HARRISON PART NO. 3R1006A21F010  
OR EQUIVALENT

**SWITCH DIAGRAM STATE  
IS CLOSED AND LOCKED**

ANSI Y14.5M-1982 APPLIES

| THIRD ANGLE PROJECTION                                                                    |            |                                     |            |                |
|-------------------------------------------------------------------------------------------|------------|-------------------------------------|------------|----------------|
|      |            |                                     |            |                |
| SCALE                                                                                     | NONE       |                                     |            |                |
| DO NOT SCALE PRINT                                                                        |            |                                     |            |                |
| TOLERANCES                                                                                |            |                                     |            |                |
| APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE : |            |                                     |            |                |
|                                                                                           | DIM.<br>mm | TOL<br>mm/10                        | DIM.<br>in | TOL<br>mm/10   |
| NO PLACES                                                                                 | X          | 1/100                               | X          | 0.01/0.03      |
| ONE PLACE                                                                                 | X.X        | 0.01/0.05                           | X.X        | 0.001/0.015    |
| TWO PLACES                                                                                | X.XX       | 0.001/0.005                         | X.XX       | 0.0001/0.005   |
| THREE PLACES                                                                              |            |                                     | X.XXX      | 0.00001/0.0005 |
| ANGLES                                                                                    |            |                                     |            |                |
| SI METRIC                                                                                 |            | US CUSTOMARY                        |            |                |
| DESIGN UNITS                                                                              |            | <input checked="" type="checkbox"/> |            |                |
|                                                                                           |            | <input type="checkbox"/>            |            |                |
| WEIGHT 2,3 kg / 5 LB MAX                                                                  |            |                                     |            |                |



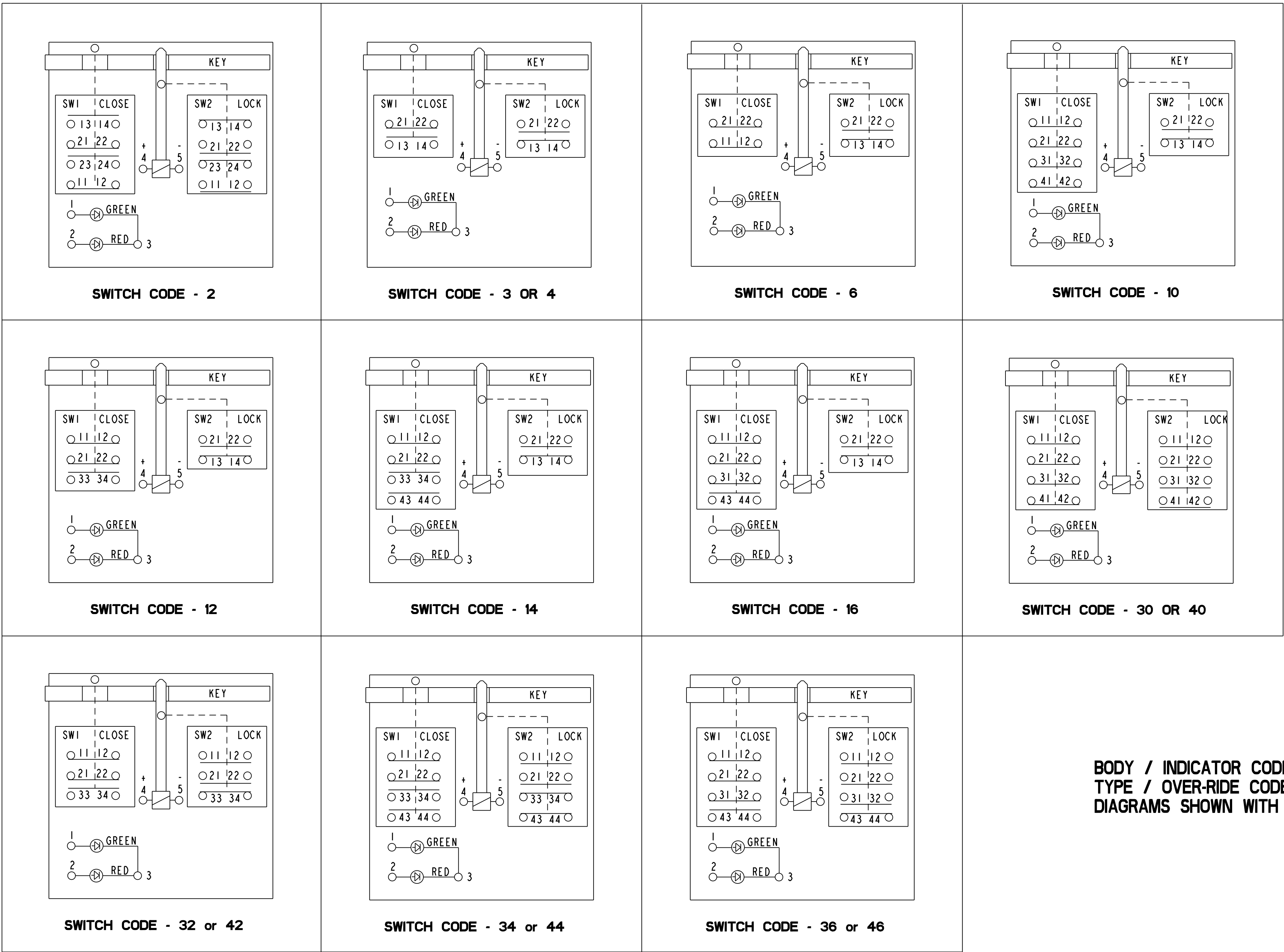


BODY / INDICATOR CODES - F OR G  
TYPE / OVER-RIDE CODES - A OR B  
DIAGRAMS SHOWN WITH KEY INSERTED AND LOCKED

PTC/CAD  
DRAWN  
SAV 120 OCT 98  
JAF 120 OCT 98  
CMH  
CHECK  
13  
12 OF 14  
RELEASE NO. CO-93702  
REPLACES  
MICRO SWITCH  
DRAWING NUMBER  
13  
REVISIONS  
A 205915  
REV  
18 JUL 92  
DI 0065737  
28 MAY 10  
CMH

|                                                                                                                                                                                     |  |                          |  |                   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--|-------------------|--|
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| MICRO SWITCH<br>a Honeywell Division                                                                                                                                                |  | SWITCH - DOOR INTERLOCK  |  | GK SERIES CHART 2 |  |
| DESIGN UNITS <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY <input type="checkbox"/>                                                           |  | WEIGHT 2,3 kg / 5 LB MAX |  |                   |  |

|                                                                                                         |                         |                               |                            |                                |                                  |
|---------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|----------------------------|--------------------------------|----------------------------------|
| THIRD ANGLE PROJECTION                                                                                  |                         |                               |                            |                                |                                  |
| SCALE FULL                                                                                              |                         |                               |                            |                                |                                  |
| DO NOT SCALE PRINT                                                                                      |                         |                               |                            |                                |                                  |
| TOLERANCES<br>APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 1 |                         |                               |                            |                                |                                  |
| NO PLACES<br>ONE PLACE<br>TWO PLACES<br>THREE PLACES<br>ANGLES                                          | MM<br>2.5<br>1.5<br>1.0 | TOL.<br>0.13<br>0.075<br>0.05 | IN.<br>0.1<br>0.06<br>0.04 | IN.<br>0.005<br>0.003<br>0.002 | IN.<br>0.001<br>0.0005<br>0.0002 |





BODY / INDICATOR CODES - F OR G  
TYPE / OVER-RIDE CODES - S OR T  
DIAGRAMS SHOWN WITH KEY INSERTED AND LOCKED