TO DETERMINE THE MAXIMUM WEIGHT FOR THIS PART POSITIONER, DETERMINE YOUR DISTANCE FROM THE CENTER OF MASS OF THE TOOLING TO THE PIVOT POINT IN INCHES. THEN DIVIDE 2,200in-lbf BY THAT DISTANCE. THIS WILL RESULT IN THE MAXIMUM ALLOWABLE WEIGHT IN POUNDS.

NOTE: 15.2mm [.60"] PRIOR TO THE END OF VERTICAL LIFT, PLATE BEGINS TIPPING MOTION

* 47 [1.8]

20.00 [0.787] KEY X 60.0 LG

OPTIONAL SHROUD

301.5 [11.87]

294.5 [11.59] FOR "B" MOUNT

MOUNT "B"

2X ¾" NPT PORTS

290.6 [11.44] FOR 45° (SUBTRACT 10.0 [0.39] FOR EVERY 5°)

MOUNT "A"

20.0 [0.79] KEY X 125.0 LG

290.0 [11.42] FOR "B" MOUNT

45° MAX TIP

90.00 [3.543]

P3

15.0 [0.59] 45.00 [1.772] CENT

35.0 [1.38]

388 [15.3] RETRACTED

115.00 [4.543]

WORLD SWITCH OPTION

2X Ø16.0 P.F. F. 24.0

8X M16x2 - TAP F 24.0

2X 16.0 P.F. X 32.0

4X M16x2 - TAP F 35.0

MOUNTING BASE AS SHOWN

MOUNTING BASE Rotate 180 deg

6" BORE AIR CYLINDER

2X Ø16.0 P.F.

8X M16x2 - TAP F 35.0

EXCEPT AS NOTED, MAXIMUM ALLOWABLE ROUGHNESS SHALL BE:

1 PLACE FINISH 6 MICRONS (250 MICROINCHES)

2 PLACE FINISH 3 MICRONS (125 MICROINCHES)

3 PLACE FINISH 1.6 MICRONS (63 MICROINCHES)

UNITS ARE MILLIMETERS (i.e. 2388 [9.41])

DO NOT SCALE DRAWING

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<table>
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<tr>
<th>Switch Option</th>
<th>S01 Sensor Position - &quot;E&quot;xtended &quot;R&quot;etracted</th>
<th>Manufacturer’s Part Number</th>
<th>Mfr.</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>E or R</td>
<td>Ni2-Q6.5-AP6-0.1-FS 4.4X3/S304</td>
<td>Turck</td>
<td>3-Wire, 4-Pin, DC M12 X 1 (PNP) Quick Disconnect</td>
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<tr>
<td>B</td>
<td>E or R</td>
<td>Ni2-Q6.5-ADZ32-0.1-FSB 5.4X4/S304</td>
<td>Turck</td>
<td>4-Wire, 5-Pin, AC/DC 1/2-20 (N.O.) Quick Disconnect</td>
</tr>
<tr>
<td>C</td>
<td>E or R</td>
<td>Ni2-Q6.5-AN6-0.1-FS 4.4X3/S304</td>
<td>Turck</td>
<td>3-Wire, 4-Pin, DC M12 X 1 (PNP) Quick Disconnect</td>
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<tr>
<td>D</td>
<td>E or R</td>
<td>NBN2-F581-100S6-E8-V1</td>
<td>Pepper &amp; Fuchs</td>
<td>3-Wire, 4-Pin, DC M12 X 1 (PNP) Quick Disconnect</td>
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<tr>
<td>E</td>
<td>E or R</td>
<td>BES-Z02KR2-PSC20F-P100-S04-V</td>
<td>Balluff</td>
<td>3-Wire, 4-Pin, DC M12 X 1 (PNP) Quick Disconnect</td>
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<tr>
<td>H</td>
<td>E or R</td>
<td>Ni2-Q6.5-0.1M-BDS-2AP6X3-H1141/S34</td>
<td>Turck</td>
<td>3-Wire, 4-Pin, DC M12 X 1 (PNP) Quick Disconnect</td>
</tr>
<tr>
<td>J</td>
<td>E or R</td>
<td>IN5374</td>
<td>Efector</td>
<td>4-Wire, 4-Pin, DC M12 X 1 (PNP) Quick Disconnect</td>
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</table>

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<tr>
<th>Switch Option</th>
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<th>Mfr.</th>
<th>Description</th>
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<tbody>
<tr>
<td>L3</td>
<td>Switch L3</td>
<td>Welker</td>
<td>4-Wire, 4-Pin, DC (PNP) M12 X 1 Quick Disconnect</td>
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<tr>
<td>L5</td>
<td>MK5113</td>
<td>Ifm Efector</td>
<td>3-Wire, 4-Pin, DC (NPN) M12 X 1 Quick Disconnect</td>
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</table>

Standard Switch Option - All other options may affect price and delivery

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