NOTES:

1. PRESSURE DROP THRU THE PROBE MUST ACCOMMODATE LIQUID TO GAS EXPANSION. ENSURE ADEQUATE PLUMBING.

2. UNIT HEIGHT VARIES PER FLANGE OPTIONS, +1", -4"

3. LIFTING WEIGHT: 150LBS. NOTE THAT THE EYELET IS NOT LOCATED DIRECTLY ABOVE CENTER OF GRAVITY

4. HEATED SAMPLE LINE RECOMMENDED @ 140°F MINIMUM FOR MOST APPLICATIONS.

5. SAMPLE FLOW RECOMMENDED 1-2 L/M

6. CUSTOMER I.D. TAG IF SPECIFIED ON PO. ENGRAVED STAINLESS SECURED WITH SCREWS OR RIVETS.

7. THE RTD EXTENDS INTO THE MAIN COLUMN AND MUST BE REMOVED PRIOR TO REMOVING THE DISC ASSEMBLY. RTD TO BE INSTALLED UTILIZING A BORED-THRU COMPRESSION FITTING FOR EASE OF REMOVAL AND PROPER SEAL.

8. AMBIENT TEMPERATURE OPERATING RANGE: 14°F (-10°C) TO +130°F (+55°C)

9. SERIAL/PART NUMBER LABEL INSIDE ON DOOR.
NOTE:

THE RTD EXTENDS INTO THE MAIN COLUMN AND MUST BE REMOVED PRIOR TO REMOVING THE DISC ASSEMBLY.
RTD TO BE INSTALLED UTILIZING A BORED THRU COMPRESSION FITTING FOR EASE OF REMOVAL AND PROPER SEAL.
NOTES:
1. ALL TUBING TO BE 1/4" 316SS (UNLESS OTHERWISE NOTED)
2. ALL WETTED MATERIALS ARE STAINLESS STEEL
3. SAMPLE TEMPERATURE SETPOINT IN PLC IS 65°F UNLESS OTHERWISE STATED ON P.O.
4. LIQUID SUPPLY TEMPERATURE IS RECOMMENDED 20°F LESS THAN PLC SETPOINT, MINIMUM

ENCLOSURE PURGE FITTING (<1 L/M)

BORED OUT FITTING 4954-1095-SW

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>UAI PART NO.</th>
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<tbody>
<tr>
<td>AV1</td>
<td>1</td>
<td>AIR ACTUATED VALVE 1/4&quot; N.C. SPRING RETURN</td>
<td>4955-0109</td>
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<tr>
<td>AV2</td>
<td>1</td>
<td>AIR ACTUATED VALVE 1/4&quot; N.C. SPRING RETURN</td>
<td>4955-1146</td>
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<tr>
<td>SV1</td>
<td>2</td>
<td>SOLENOID VALVE 3-WAY 24VDC EXP. PROOF</td>
<td>4955-0260</td>
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<tr>
<td>CLR</td>
<td>1</td>
<td>CONTROLLER IDEC FC6A</td>
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<tr>
<td>NV</td>
<td>1</td>
<td>MANUAL NEEDLE VALVE FOR EXPANSION</td>
<td>4955-1153</td>
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<tr>
<td>EP</td>
<td>1</td>
<td>1/4&quot; TUBE W/ SNUBBER, 2µm</td>
<td>4954-0177</td>
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</tbody>
</table>

AIR INLET 1/4" TUBE 80 TO 115 PSI INSTRUMENT AIR

ENCLOSURE VENT

ENCLOSURE PURGE FITTING

BULKHEAD FITTING

TUBING BY OTHERS

SDR DRAWING NO. 3 OF 4

APVD BY DWN REVISIONS

DRAWN BY C. SHIELDS

DATE 01/28/2017

ECO# - 5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)883-6388

UPDATE NOTES & FITTINGS CS BW
NOTES:

1) ELECTRICAL CLASSIFICATION DESIGNED FOR CLASS 1, DIV2, GROUPS A, B, C, D.

2) ENCLOSURE DOOR SHALL BE GROUNDED TO BACK PANEL

3) COLOR CODING:
   - AC: BLACK, DC: WHITE, SIGNAL & ALARM: ALL - YELLOW
   - NC: BLUE, ALL - GREEN

4) POWER SUPPLY AND RELAYS SHALL BE LOCATED ON TB DIN RAIL

5) TB1 & TB2 SHALL BE SEGREGATED

6) TO POWER WITH 24VDC, DISCONNECT PS1 AND WIRE DIRECTLY TO TB2-1 (+24V) AND TB2-8 (0V)