# Position -34499: 20K LP to VLP

| Device label / Reference | Signal label / Loc./Channel |
|---|---|
| US-30003-1 Warmup Mode ON -30003 / 3.15 | S |
| US-30002-1 Liquefaction Mode ON -30002 / 3.15 | S |
| US-30001-1 Refrigeration Mode ON -30001 / 3.15 | S |
| US-03001-3 SP_Compressor_Running | S |
| PI-24099 SP WC Inlet | I bar |
| PC-24099_SV SP ctrl. SV | _SV bar |
| -34499_MA1 CV-34499 Nominal position | MA1 70% |
| GSL-34001 CBX Warm End SP Line (small) | SL |
| GSL-34000 CBX Warm End SP Line | SL |
| PI-34101 CBX Warm End SP Line | I bar |
| PI-23099 LP WC Inlet | I bar |
| PI-24099 SP WC Inlet | I bar |
| -34499_Dwn Ramp Speed Fast | _Dwn 2 %/s |
| -34499_Up Ramp Speed Slow | _Up 0.1%/s |

>=1

\> 1.0 bara

\> 1.0 bara

&

SEL
G1 Q
IN0
IN1 (1=IN1)
0%

MAX

Ramp up/dw n
IN Q
Incline
Decline

Y — UY-34499 20K LP to VLP

&

SEL
G1 Q
IN0
IN1 (1=IN1)
0%
5 %

\> 2.1 bara

< 1.8 bara

SR
S1
R Q1

E1
E1-E2
E2

ABS

\> 0.05 bar

SEL
G1 Q
IN0
IN1 (1=IN1)

| Rev. | Date | Prep. | Check. | Appr. | Description |
|---|---|---|---|---|---|
| 2 | 15.12.2020 | N. Kolev | N. Kolev | N. Kolev | As built |
| 1 | 15.12.2020 | N. Kolev | N. Kolev | N. Kolev | Revision number update |
| 0 | 16.08.2016 | HIJ | HIJ | REM | For Logic Design Review |

Linde Kryotechnik AG

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|---|---|
| Project No.: | K.00525 |
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| Customer: | |
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