



4000C1 Set Up

| | | | | |
|-------------|------------------|------------------|-------|---|
| Customer | Air Liquide GmbH | Order: 431001278 | I1 O2 |  |
| Name | Eichler | | I2 | |
| Project | ASU No. 9 Kosice | S/N: 393051 | I3 | |
| Serial No. | QE20011 | 5 Seiten | I4 | |
| Description | GOX to customer | | | |


| | | | | | |
|-----------|------------|---------------|--------------------|------------------------|---------|
| Calibrate | Manual Cal | I1 - I4 | Low | | |
| | | | High | | |
| | | | Press* | Measure P Offset | |
| | | | | Specify P Offset | |
| | | | | | |
| | | | History | Low History | |
| | | | | High History | |
| | | | | P Offset History* | |
| | | | | | |
| | | | CHK L & H | Check Low | |
| | | | Check High | | |
| | | | | | |
| | | E1 | Scale Input | E1 Minimum Input | 4-20 mA |
| | | | | E1 Minimum 4mA | 0 |
| | | | | E1 Minimum 20mA | 1000 |
| | | | | | |
| | | E2 | Scale Input | E2 Minimum Input | n/a |
| | | | | E2 Minimum 4mA | n/a |
| | | | E2 Minimum 20mA | n/a | |
| | | | | n/a | |
| | Autocal | Setup Autocal | Config TXD cal | I1 Low | n/a |
| | | | | I1 High | n/a |
| | | | | I1 Low Gas | n/a |
| | | | | Assign I1 to Cal Group | n/a |
| | | | | | |
| | | | | I2 Low | n/a |
| | | | | I2 High | n/a |
| | | | | I2 Low Gas | n/a |
| | | | | Assign I2 to Cal Group | n/a |
| | | | | | |
| | | | | I3 Low | n/a |
| | | | | I3 High | n/a |
| | | | | I3 Low Gas | n/a |
| | | | | Assign I3 to Cal Group | n/a |
| | | | | | |
| | | | | I4 Low | n/a |
| | | | | I4 High | n/a |
| | | | | I4 Low Gas | n/a |
| | | | | Assign I4 to Cal Group | n/a |
| | | | | | |
| | | | Config Cal Group | Cal Group 1 | Disable |
| | | | | Select Autocal | n/a |
| | | | | Select Mode Auto- | n/a |
| | | | | Sample / Cal Relay | n/a |
| | | | | Cal1 / Cal2 Relay | n/a |
| | | | | Set Flush time | n/a |
| | | | | | |
| | | | Cal Group 2 | Disable | |
| | | | Select Autocal | n/a | |
| | | | Select Mode Auto- | n/a | |
| | | | Sample / Cal Relay | n/a | |
| | | | Cal1 / Cal2 Relay | n/a | |
| | | | Set Flush time | n/a | |
| | | | | | |
| | | | Cal Group 3 | Disable | |
| | | | Select Autocal | n/a | |
| | | | Select Mode Auto- | n/a | |
| | | | Sample / Cal Relay | n/a | |
| | | | Cal1 / Cal2 Relay | n/a | |
| | | | Set Flush time | n/a | |
| | | | | | |
| | | | Cal Group 4 | Disable | |
| | | | Select Autocal | n/a | |
| | | | Select Mode Auto- | n/a | |
| | | | Sample / Cal Relay | n/a | |
| | | | Cal1 / Cal2 Relay | n/a | |
| | | | Set Flush time | n/a | |

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|-------------|------------------|------------------|-------|--|
| Customer | Air Liquide GmbH | Order: 431001278 | I1 O2 |  Servomex |
| Name | Eichler | | I2 | |
| Project | ASU No. 9 Kosice | S/N: 393051 | I3 | |
| Version No. | QE20011 | 5 Seiten | I4 | |
| Description | GOX to customer | | | |


| Setup | Set Alarm | I1 | AI1 | AI2 | AI3 | AI4 |
|-------|-----------|-------|---------|---------|---------|---------|
| | | | Disable | Disable | Disable | Disable |
| | | | n/a | n/a | n/a | n/a |
| | | | n/a | n/a | n/a | n/a |
| | | Level | n/a | n/a | n/a | n/a |
| | | Hyst | n/a | n/a | n/a | n/a |
| | | I2 | AI1 | AI2 | AI3 | AI4 |
| | | | Disable | Disable | Disable | Disable |
| | | | n/a | n/a | n/a | n/a |
| | | | n/a | n/a | n/a | n/a |
| | | Level | n/a | n/a | n/a | n/a |
| | | Hyst | n/a | n/a | n/a | n/a |
| | | I3 | AI1 | AI2 | AI3 | AI4 |
| | | | Disable | Disable | Disable | Disable |
| | | | n/a | n/a | n/a | n/a |
| | | | n/a | n/a | n/a | n/a |
| | | Level | n/a | n/a | n/a | n/a |
| | | Hyst | n/a | n/a | n/a | n/a |
| | | I4 | AI1 | AI2 | AI3 | AI4 |
| | | | Disable | Disable | Disable | Disable |
| | | | n/a | n/a | n/a | n/a |
| | | | n/a | n/a | n/a | n/a |
| | | Level | n/a | n/a | n/a | n/a |
| | | Hyst | n/a | n/a | n/a | n/a |
| | | E1 | AI1 | AI2 | AI3 | AI4 |
| | | | Enable | Disable | Disable | Disable |
| | | | Follow | n/a | n/a | n/a |
| | | | Low | n/a | n/a | n/a |
| | | Level | 200 | n/a | n/a | n/a |
| | | Hyst | 20 | n/a | n/a | n/a |
| | | E2 | AI1 | AI2 | AI3 | AI4 |
| | | | Disable | Disable | Disable | Disable |
| | | | n/a | n/a | n/a | n/a |
| | | | n/a | n/a | n/a | n/a |
| | | Level | n/a | n/a | n/a | n/a |
| | | Hyst | n/a | n/a | n/a | n/a |

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| Customer | Air Liquide GmbH | Order: 431001278 | I1 O2 |  Servomex |
| Name | Eichler | | I2 | |
| Project | ASU No. 9 Kosice | S/N: 393051 | I3 | |
| No. | QE20011 | 5 Seiten | I4 | |
| Description | GOX to customer | | | |


| Setup | Assign | Relays | PL8 - Autocal | 0,1 | 0,2 |
|-------|--------|--------|---------------|------------|-----------------|
| | | | | n/a | n/a |
| | | | PL1 | 1,3 | 1,4 |
| | | | | Alarm 1 E1 | Warm up I1 |
| | | | | n/a | Failure I1 |
| | | | | n/a | Chassis Failure |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | PL2 | 2,3 | 2,4 |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | PL3 | 3,3 | 3,4 |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | PL4 | 4,3 | 4,4 |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |
| | | | | n/a | n/a |

4000C1 Set Up

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|-------------|------------------|------------------|-------|---|
| Customer | Air Liquide GmbH | Order: 431001278 | I1 O2 |  Servomex |
| Name | Eichler | | I2 | |
| Project | ASU No. 9 Kosice | S/N: 393051 | I3 | |
| Part No. | QE20011 | 5 Seiten | I4 | |
| Description | GOX to customer | | | |

| Setup | Assign | mA Output | PL1 | 1,1 | 1,2 |
|----------|--------|-----------|-----------|-------------|-------------|
| | | | R1 Low | 98,00 % O2 | 0,00 % O2 |
| | | | R1 High | 100,00 % O2 | 100,00 % O2 |
| | | | mA | 4 - 20 mA | 4 - 20 mA |
| | | | Low Limit | 3,6 mA | 3,6 mA |
| | | | | Follow | Follow |
| | | | Jam | Lo | Lo |
| | | | R2 Low | 98,00 % O2 | 0,00 % O2 |
| | | | R2 High | 100,00 % O2 | 100,00 % O2 |
| | | | mA | 4 - 20 mA | 4 - 20 mA |
| | | | Low Limit | 3,6 mA | 3,6 mA |
| | | | | Follow | Follow |
| | | | Jam | Lo | Lo |
| | | | PL2 | 2,1 | 2,2 |
| | | | R1 Low | n/a | n/a |
| | | | R1 High | n/a | n/a |
| | | | mA | n/a | n/a |
| | | | Low Limit | n/a | n/a |
| | | | | | |
| | | | Jam | n/a | n/a |
| | | | R2 Low | n/a | n/a |
| | | | R2 High | n/a | n/a |
| | | | mA | n/a | n/a |
| | | | Low Limit | n/a | n/a |
| | | | | | |
| | | | Jam | n/a | n/a |
| | | | PL3 | 3,1 | 3,2 |
| | | | R1 Low | n/a | n/a |
| | | | R1 High | n/a | n/a |
| | | | mA | n/a | n/a |
| | | | Low Limit | n/a | n/a |
| | | | | | |
| | | | Jam | n/a | n/a |
| | | | R2 Low | n/a | n/a |
| | | | R2 High | n/a | n/a |
| | | | mA | n/a | n/a |
| | | | Low Limit | n/a | n/a |
| | | | | | |
| | | | Jam | n/a | n/a |
| | | | PL4 | 4,1 | 4,2 |
| | | | R1 Low | n/a | n/a |
| | | | R1 High | n/a | n/a |
| | | | mA | n/a | n/a |
| | | | Low Limit | n/a | n/a |
| | | | | | |
| | | | Jam | n/a | n/a |
| | | | R2 Low | n/a | n/a |
| | | | R2 High | n/a | n/a |
| | | | mA | n/a | n/a |
| | | | Low Limit | n/a | n/a |
| | | | | | |
| | | | Jam | n/a | n/a |
| mA input | E1 | Enable | Y | | |
| | E2 | Enable | N | | |

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| Name | Eichler | | I2 | |
| Project | ASU No. 9 Kosice | S/N: 393051 | I3 | |
| File No. | QE20011 | 5 Seiten | I4 | |
| Description | GOX to customer | | | |

| Setup | Utility | Inst Param. | Clock | | | | | | | | | | | | | | | | | | | | | |
|------------------|---------------|---------------|---|---------------|------------|-----------|----|---------------|---------------|------------------|---------------|------------------|---------|------------------|-----|------------------|-----|-----|--|----|-----|------|--|-----|
| | | | <table><tr><td>New Pass</td><td>Supervisor</td><td>4000</td></tr><tr><td></td><td>Operator</td><td>4000</td></tr></table> | New Pass | Supervisor | 4000 | | Operator | 4000 | | | | | | | | | | | | | | | |
| New Pass | Supervisor | 4000 | | | | | | | | | | | | | | | | | | | | | | |
| | Operator | 4000 | | | | | | | | | | | | | | | | | | | | | | |
| | | Screen | <table><tr><td>Select Screen</td><td>1</td></tr><tr><td>Autocroll</td><td>NO</td></tr><tr><td>Define Screen</td><td>1</td></tr><tr><td>Select Measure 1</td><td>I1</td></tr><tr><td>Select Measure 2</td><td>n/a</td></tr><tr><td>Select Measure 3</td><td>n/a</td></tr><tr><td>Select Measure 4</td><td>n/a</td></tr></table> | Select Screen | 1 | Autocroll | NO | Define Screen | 1 | Select Measure 1 | I1 | Select Measure 2 | n/a | Select Measure 3 | n/a | Select Measure 4 | n/a | | | | | | | |
| Select Screen | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Autocroll | NO | | | | | | | | | | | | | | | | | | | | | | | |
| Define Screen | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Select Measure 1 | I1 | | | | | | | | | | | | | | | | | | | | | | | |
| Select Measure 2 | n/a | | | | | | | | | | | | | | | | | | | | | | | |
| Select Measure 3 | n/a | | | | | | | | | | | | | | | | | | | | | | | |
| Select Measure 4 | n/a | | | | | | | | | | | | | | | | | | | | | | | |
| | | TXD Param. I1 | <table><tr><td>Lables</td><td>Name</td><td>O2</td></tr><tr><td></td><td>ENG Unit</td><td>%</td></tr><tr><td></td><td>Scale Factor</td><td>1</td></tr><tr><td>Factors</td><td>Time Constant</td><td>3</td></tr><tr><td>Lo & Hi Tol</td><td>Lo</td><td>0,5</td></tr><tr><td></td><td>Hi</td><td>0,5</td></tr><tr><td>Deci</td><td></td><td>3</td></tr></table> | Lables | Name | O2 | | ENG Unit | % | | Scale Factor | 1 | Factors | Time Constant | 3 | Lo & Hi Tol | Lo | 0,5 | | Hi | 0,5 | Deci | | 3 |
| Lables | Name | O2 | | | | | | | | | | | | | | | | | | | | | | |
| | ENG Unit | % | | | | | | | | | | | | | | | | | | | | | | |
| | Scale Factor | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Factors | Time Constant | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Lo & Hi Tol | Lo | 0,5 | | | | | | | | | | | | | | | | | | | | | | |
| | Hi | 0,5 | | | | | | | | | | | | | | | | | | | | | | |
| Deci | | 3 | | | | | | | | | | | | | | | | | | | | | | |
| | | TXD Param. I2 | <table><tr><td>Lables</td><td>Name</td><td>n/a</td></tr><tr><td></td><td>ENG Unit</td><td>n/a</td></tr><tr><td></td><td>Scale Factor</td><td>n/a</td></tr><tr><td>Factors</td><td>Time Constant</td><td>n/a</td></tr><tr><td>Lo & Hi Tol</td><td>Lo</td><td>n/a</td></tr><tr><td></td><td>Hi</td><td>n/a</td></tr><tr><td>Deci</td><td></td><td>n/a</td></tr></table> | Lables | Name | n/a | | ENG Unit | n/a | | Scale Factor | n/a | Factors | Time Constant | n/a | Lo & Hi Tol | Lo | n/a | | Hi | n/a | Deci | | n/a |
| Lables | Name | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | ENG Unit | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | Scale Factor | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Factors | Time Constant | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Lo & Hi Tol | Lo | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | Hi | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Deci | | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | | TXD Param. I3 | <table><tr><td>Lables</td><td>Name</td><td>n/a</td></tr><tr><td></td><td>ENG Unit</td><td>n/a</td></tr><tr><td></td><td>Scale Factor</td><td>n/a</td></tr><tr><td>Factors</td><td>Time Constant</td><td>n/a</td></tr><tr><td>Lo & Hi Tol</td><td>Lo</td><td>n/a</td></tr><tr><td></td><td>Hi</td><td>n/a</td></tr><tr><td>Deci</td><td></td><td>n/a</td></tr></table> | Lables | Name | n/a | | ENG Unit | n/a | | Scale Factor | n/a | Factors | Time Constant | n/a | Lo & Hi Tol | Lo | n/a | | Hi | n/a | Deci | | n/a |
| Lables | Name | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | ENG Unit | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | Scale Factor | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Factors | Time Constant | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Lo & Hi Tol | Lo | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | Hi | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Deci | | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | | TXD Param. I4 | <table><tr><td>Lables</td><td>Name</td><td>n/a</td></tr><tr><td></td><td>ENG Unit</td><td>n/a</td></tr><tr><td></td><td>Scale Factor</td><td>n/a</td></tr><tr><td>Factors</td><td>Time Constant</td><td>3</td></tr><tr><td>Lo & Hi Tol</td><td>Lo</td><td>n/a</td></tr><tr><td></td><td>Hi</td><td>n/a</td></tr><tr><td>Deci</td><td></td><td>n/a</td></tr></table> | Lables | Name | n/a | | ENG Unit | n/a | | Scale Factor | n/a | Factors | Time Constant | 3 | Lo & Hi Tol | Lo | n/a | | Hi | n/a | Deci | | n/a |
| Lables | Name | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | ENG Unit | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | Scale Factor | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Factors | Time Constant | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Lo & Hi Tol | Lo | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | Hi | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Deci | | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | | TXD Param. E1 | <table><tr><td>Lables</td><td>Name</td><td>mbar</td></tr><tr><td></td><td>ENG Unit</td><td>(only blanks)</td></tr><tr><td>Factors</td><td>Time Constant</td><td>1</td></tr><tr><td>Deci</td><td></td><td>0</td></tr></table> | Lables | Name | mbar | | ENG Unit | (only blanks) | Factors | Time Constant | 1 | Deci | | 0 | | | | | | | | | |
| Lables | Name | mbar | | | | | | | | | | | | | | | | | | | | | | |
| | ENG Unit | (only blanks) | | | | | | | | | | | | | | | | | | | | | | |
| Factors | Time Constant | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Deci | | 0 | | | | | | | | | | | | | | | | | | | | | | |
| | | TXD Param. E2 | <table><tr><td>Lables</td><td>Name</td><td>n/a</td></tr><tr><td></td><td>ENG Unit</td><td>n/a</td></tr><tr><td>Factors</td><td>Time Constant</td><td>1</td></tr><tr><td>Deci</td><td></td><td>n/a</td></tr></table> | Lables | Name | n/a | | ENG Unit | n/a | Factors | Time Constant | 1 | Deci | | n/a | | | | | | | | | |
| Lables | Name | n/a | | | | | | | | | | | | | | | | | | | | | | |
| | ENG Unit | n/a | | | | | | | | | | | | | | | | | | | | | | |
| Factors | Time Constant | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Deci | | n/a | | | | | | | | | | | | | | | | | | | | | | |