

## Dresser Micro Logger Hardware Configuration Worksheet

### 1. Select a Micro Logger type:

- Pressure  Pressure & Temperature

### 2. Select Front Panel Language:

- English  Spanish

### 3a. Select SINGLE Pressure type:

- Gauge  Absolute

Proceed to step 4.

### 3b. Select DUAL Pressure Transducer type:

Measuring pressure **MUST** be lower than the Monitoring pressure.  
Refer to the appendix for a typical installation

- Dual Gauge  Dual Absolute  
 Absolute + Gauge  Gauge + Absolute  
(measuring + monitoring) (measuring + monitoring)

Proceed to steps 7a-7d and select the appropriate configuration based on your selection here.

### 4. Select Pressure Transducer Range if unit is Single P-only or Single P & T:

**NOTE: The measuring Transducer is mounted in the Logger enclosure as standard.**

- |                                    |   |  |   |
|------------------------------------|---|--|---|
| <input type="checkbox"/> Gauge:    | <input type="checkbox"/> 30 psi (2 bar)   | <input type="checkbox"/> 180 psi (12 bar)  | <input type="checkbox"/> 350 psi (24 bar) |
| <input type="checkbox"/> Absolute: | <input type="checkbox"/> 30 psi (2 bar)   | <input type="checkbox"/> 180 psi (12 bar)  |   |
|                                    | <input type="checkbox"/> 435 psi (30 bar) | <input type="checkbox"/> 1000 psi (70 bar) |   |

If **P-only**, proceed to step 9 and if **P & T**, proceed to step 6.

### 5. Measuring transducer location :

- Standard (Default, mounted onto the Logger housing)

### 6. Select External Temperature Probe if unit is P & T:

- |               |   |  |
|---------------|---|--|
| 8-1/4" Probe: | <input type="checkbox"/> T1 (5 ft. Cable) | <input type="checkbox"/> T2 (10 ft Cable)  |
| 2" Probe:     | <input type="checkbox"/> T3 (5 ft. Cable) | <input type="checkbox"/> T4 (10 ft. Cable) |

Proceed to step 9.

**NOTE: All cables are armored and probes fit into size appropriate Thermowells.**

### 7a. If you selected Dual Gauge

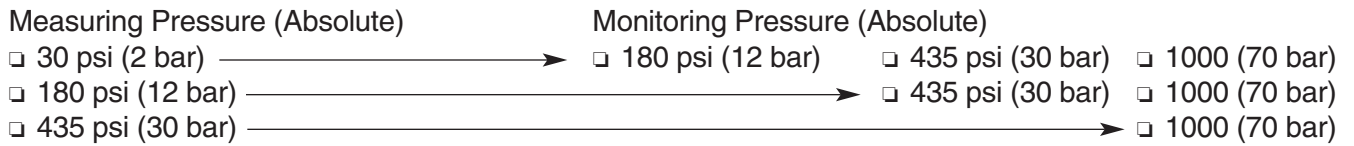
Measuring pressure **MUST** be lower than the Monitoring pressure.  
Refer to appendix for a typical installation.

- | Measuring Pressure (Gauge)                | Monitoring Pressure (Gauge)   |
|---|---|
| <input type="checkbox"/> 30 psi (2 bar)   | <input type="checkbox"/> 180 psi (12 bar) <input type="checkbox"/> 350 psi (24 bar) |
| <input type="checkbox"/> 180 psi (12 bar) | <input type="checkbox"/> 350 psi (24 bar)   |

Proceed to step 8 when done.

**7b. If you selected Dual Absolute:**

Measuring pressure **MUST** be lower than the Monitoring pressure.  
Refer to the appendix for a typical installation.



Proceed to step 8 when done.

**7c. If you selected Absolute + Gauge:**

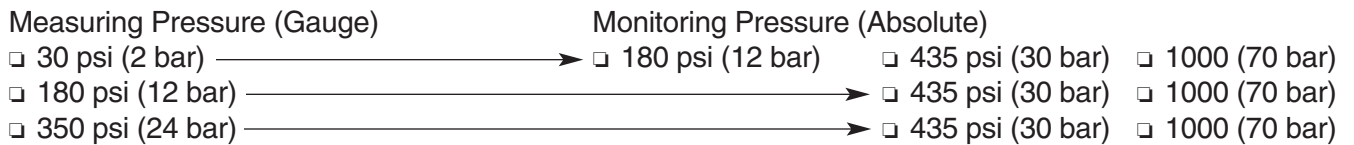
Measuring pressure will be Absolute and the Monitoring pressure will be Gauge.  
Measuring pressure **MUST** be lower than the Monitoring pressure.  
Refer to the appendix for a typical installation.



Proceed to step 8 when done.

**7d. If you selected Gauge + Absolute:**

Measuring pressure will be Gauge and the Monitoring pressure will be Absolute.  
Measuring pressure **MUST** be lower than the Monitoring pressure.  
Refer to the appendix for a typical installation.



Proceed to step 8 when done.

**8. Select Length for the Monitoring Cable:**

- 10 ft (3m)     20 ft (6m)

If this Dual Pressure transducer unit is P & T, then proceed to step 6 for Temperature Probe Selection.

**9. Select Pulse Output Connector Type and Cable Length if required:**

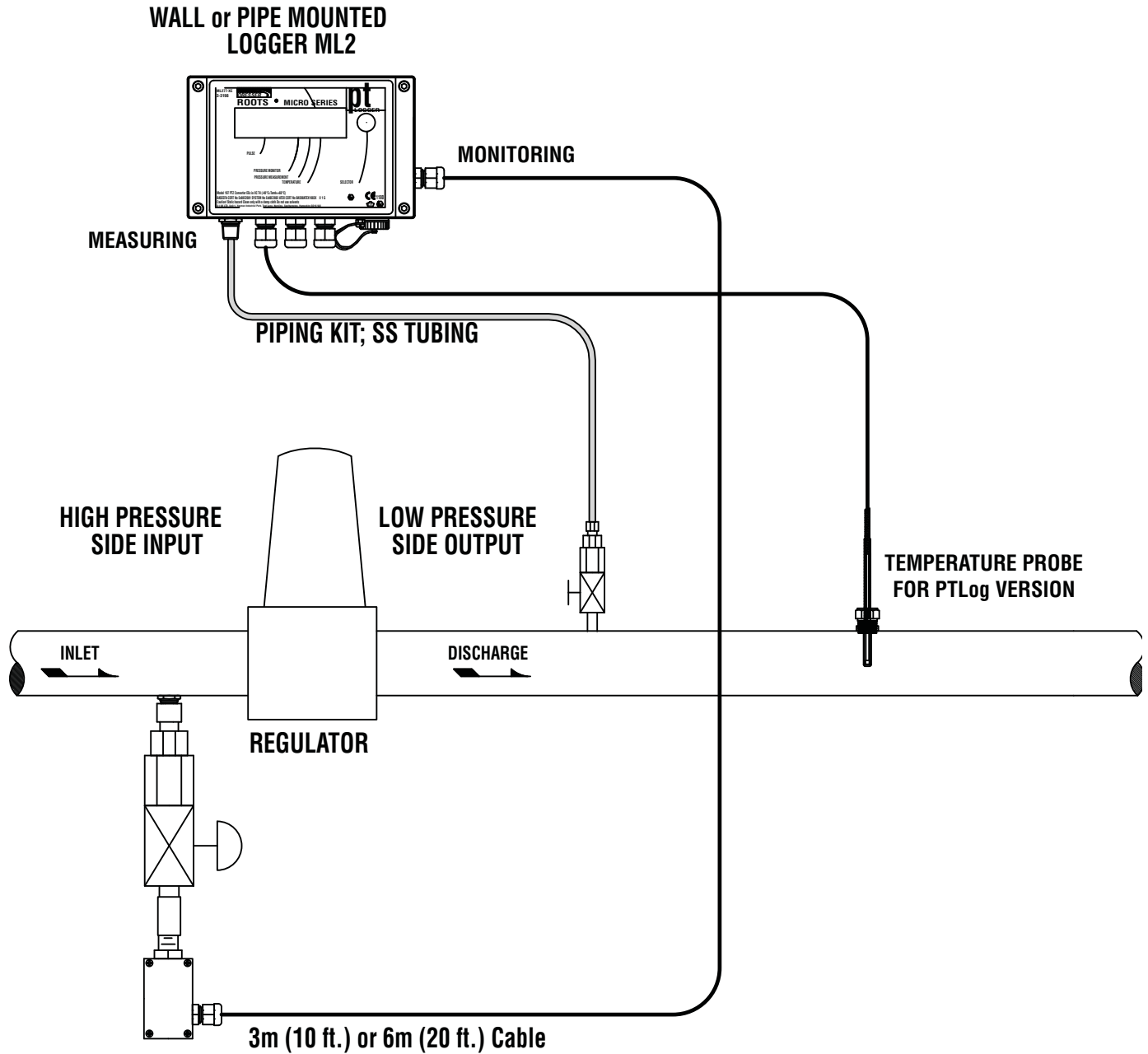
- Circular (single)     None (plug)
- Cable Gland (Single)
  - 5'     10'     30'     50'     No Cable

**10. Select Software Configuration type:**

- Default Imperial     Default Metric     Custom

**Installation example for Dual-pressure transducer unit (with or without Temperature probe) and using a pressure regulator**

**NOTE:** Drawing is for reference only and is not expressed as the appropriate means of installation. Installation should be in accordance with Standards and Local laws which regulate this type of installation.



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