

PETERSEN® 162-10 SERIES TRIPLE DEADMAN CONTROLLER OPERATING INSTRUCTIONS

WARNING!

Read and understand instructions before using. Failure to comply may result in property damage, serious injury, or death! Includes internal a safety relief valve to prevent over inflation due to excess pressure. Before using the controller for an actual lifting operation, make sure the hoses and other supporting equipment are compatible with it and working properly

Operating Limits

- Use dried and filtered compressed air filtered by 70um filter element with a compatible regulator/pressure reducer. Never exceed 175 PSI (12 bar) source pressure when using a variable air source pressure.
- Maximum supply pressure is labeled on housing of controller.
 - Controller DK-B 8 bar: max. input pressure: 12 bar
- Operate only within working temperature range of -4°F to 131°F (-20°C to 55°C)
- Connect the colored hoses to same color couplers.
- Do not use controller with inflammable, corrosive, oxidizable, explosive and unstable gases or liquids.
- Use controller only with high pressure lifting bags and pneumatic plugs.
- Do not use controller in high corrosion areas.



General Operating Instructions

- Verify that all component connections are mechanically compatible with the controller and do not leak. The standard controller has European Interchange safety couplers. Other types of couplers may fit but safety and functionality may be compromised unless the same type of safety coupler is used throughout the system.
- Prior to use verify there is no dirt in controller tubes and couplings.
- Before using pressurize controller higher than working pressure but lower than maximum rated supply pressure to verify the relief valve opens at the design pressure. The relief valve is factory set. Do not change the pressure setting.
- When inflating a lift bag use only enough pressure to complete the job. Excessive pressure requirement indicates a need for a larger bag.
- Depressurize system before connecting or disconnecting hoses.

Operating Instructions

- Connect the yellow air supply hose to the controller inlet connection marked with the yellow ring. The outlet connections are marked with blue and red rings.
- Close the controller outlet and verify the controller works properly. Move the handle forward to direct compressed air to the outlet coupling. Verify the pressure gauge shows the desired inflation pressure. Release the handle to stop the flow. Move the handle backwards to release the pressure from the outlet and inflated object. The pressure gauge should show the fall in pressure. Release the handle to stop the pressure drop. Have the controller repaired if it does not work properly.
- To inflate a lift bag or plug move the controller handle forward to the desired pressure. Release the handle when the pressure gauge indicates the desired pressure.
- To deflate or reduce the pressure move the handle backwards until the pressure gauge indicates the desired pressure.

Maintenance and Storage

Remove all pressure from Controller before any maintenance

- Wipe dirt off after each use.
- Air dry out of hot sunlight. Do not use heat source to dry.
- Store the controller in a dark, dry container or cabinet

162-10 Series Triple Deadman Controller Operating Instructions Rev 11/2/10