

Custom Connector Eases Tubing Distribution

Customer Application:

An equipment manufacturer in the Agriculture industry contacted Pneumadyne to design a connector that could secure two air lines, two nitrogen lines and one high pressure nitrogen line at a remote distribution point.

Application Requirements:

- Connector had to be easy to mount on the side of the customer's machine
- Materials must withstand outdoor use
- Provide a strain relief for five ¼" OD tubes
- A distribution box was also needed to centrally locate all incoming lines

Pneumadyne's Solution:

In addition to the custom distribution box, Pneumadyne engineers designed a lightweight connector to house the tubing lines at the remote location. This new design reduced the size and complexity of the original component and also simplified installation.

- Acetyl cone provides a strain relief and ensures that the tubing cannot be pulled out of the connector ports
- Aluminum base contains mounting holes to speed assembly at the remote site
- Five push-to-connect ports ease tubing installation

Contact us today at sales@pneumadyne.com or sales@henrymwood.com to review your application requirements.