

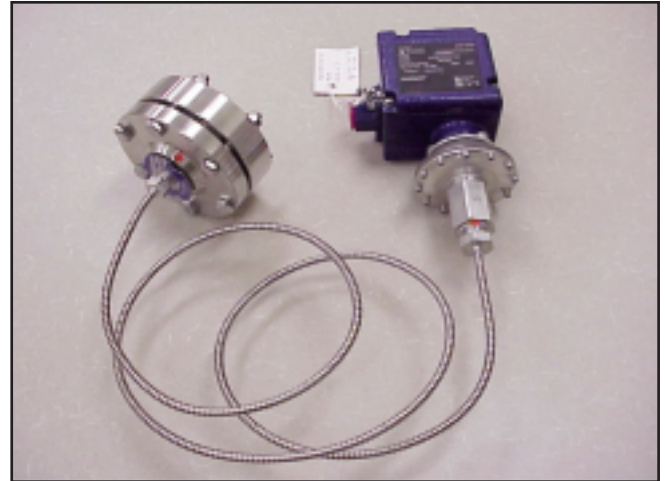
Tire Manufacture Requires Precision Release

Conoflow and Neo-Dyn® Regulator Application

Our ITT Conoflow and ITT Neo-Dyn® brands recently combined forces to solve an application requirement for a tire manufacturer.

The Conoflow Model 330A (all stainless steel Diaphragm seal) and Neo-Dyn® Model 110P42C3BS were recently selected as the products of choice for a tire press application in which precise set point control, repeatability and narrow dead band are all required.

In this application, the 110P functions as a safety device in keeping the tire press engaged as long as steam pressure is applied. When steam pressure decreases to 2 PSI, the Neo-Dyn switch releases the press so the newly formed tire can be removed. It is important in this application to have a fast & precise release at the set point in order to optimize production time. Products that are capable of enduring high cycle rates and subject to over pressure conditions were important factors in their decision.



The 330A and 110P are connected via a ten-foot capillary tube. This system was selected to protect the process and operator should an upset occur resulting in extremely high steam temperature or contamination. Due to the versatility we have within the ITT family of Industrial products, we were able to offer the solution entirely in-house. The end customer received a complete package preset and delivered to their facility ready for installation.

Considering all of the aforementioned conditions and requirements the ITT family of products is the logical choice for this application.

Do you have customers where ITT can assist with similar application assistance?