

Emerson's engineered-to-order team takes pressure off bioreactor manufacturer

RESULTS

- Offered pressure regulators with customized flanges to meet specifications
- Provided documentation and certificates of compliance
- Met wide flow range requirements



APPLICATION

Pressure control for bioreactors

CHALLENGE

A manufacturer of life science production equipment built bioreactors for a major pharmaceutical company. The design called for pressure regulators to control the gases entering the bioreactor vessels. The regulators' connections required aseptic flanges to meet DIN 11864-2-A regulations. In addition, the regulators had to provide a wide range of flow. Since a standard pressure regulator was not available that met these specifications, the manufacturer searched for a supplier that could provide a suitable solution.

SOLUTION

Emerson's engineered-to-order team responded quickly to the manufacturer's problem by recommending its TESCOM™ Pharpure PH Series single-stage regulators with customized flanges. The Emerson team provided a fully certified solution with documentation and standard certificates of compliance that met EN 1204 requirements. The regulators achieved the application's wide flow range requirements and their construction and material were approved by the end user. The life science equipment producer valued Emerson's global technical support, product quality, and custom-engineered solutions.

With the help of Emerson's TESCOM™ Pharpure PH Series single-stage regulators with customized flanges, the life science equipment producer now meets DIN 11864-2-A regulations. The customer was pleased with their fully certified solution that achieved their application's wide flow range requirements.

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