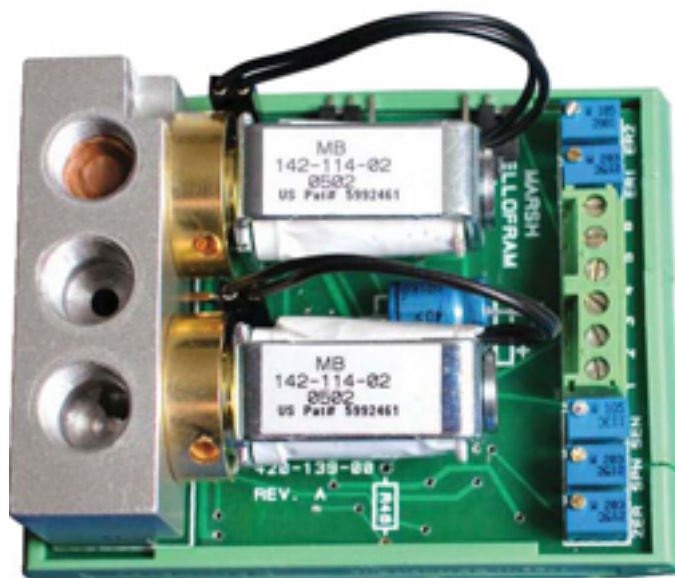


Transducers provide economical air pressure monitoring capabilities



The Precision Controls Division (PCD) of Marsh Bellofram Corporation (www.marshbellofram.com [1]), a member of the Marsh Bellofram Group of Companies, has announced the global market introduction of Type 3110 and Type 3120, a series of single- (3110) and double-loop (3120) electro-pneumatic analog circuit-card servo pressure transducers, designed to provide compact, high-performance, economical air pressure monitoring capabilities within a variety of OEM applications.

Occupying an overall footprint of just 2 inches x 2.8 inches (50.8 mm x 71.12 mm) and with available analog monitor output ranges from 29" Hg to 600 psig, Marsh Bellofram Types 3110 and 3120 offer user selectable, configurable (zero and span) industry standard 0-10 VDC or 4-20 mA control signals, with custom signal outputs available upon request. Industry-standard analog monitor output signals (0-10 V or 4-20 mA optional) are available for user monitoring of actual output pressure. Industry-standard logic output signals (high or low) are also available for user monitoring of set point status – either 'at set point' or 'still searching'.

Two manifold block configurations are available, one with front ports, to facilitate direct panel mounting or seamless insertion into a DIN-rail adapter tray; and the second with bottom ports, facilitating use within multi-unit manifold system applications. An onboard pressure transducer within the manifold block permits $\pm 0.5\%$ full scale accuracy. Custom multi-unit manifolds are also available upon request. Marsh Bellofram Types 3110 and 3120 are perfect for size-conscious OEMs looking for air pressure monitoring without sacrificing any of the high-end capabilities normally associated with full-size I/Ps. Typical applications include damper control; gas chromatography; process control; and medical equipment,

Transducers provide economical air pressure monitoring capabilities

Published on Electronic Component News (<http://www.ecnmag.com>)

such as ventilators and blood analyzers. For more information about these and other products available from the Marsh Bellofram Group of Companies, please visit www.marshbellofram.com [1].

Source URL (retrieved on 03/06/2015 - 11:26pm):

http://www.ecnmag.com/product-releases/2010/09/transducers-provide-economical-air-pressure-monitoring-capabilities?qt-recent_content=0

Links:

[1] <http://www.marshbellofram.com>