

Yokogawa Pressure Transmitters

on 40H Accutube



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Meriam is proud to offer an integrated flow measurement system solution using our 40H series Accutube flow elements with the Yokogawa EJA or EJX series of DP and multivariable transmitters.

Yokogawa EJA Series

The EJA Series is a best-selling differential pressure transmitter which incorporates Yokogawa's high accuracy resonating pressure (HARP) silicon sensor, a field-proven technology that is intelligent and offers ultra-high performance. This transmitter's compact and light weight design has been achieved without compromising performance or service life. The digital principle of the sensor provides repeatability and stability that is superior to analog sensor designs and is virtually immune to the effects of vibration, temperature, static pressure, and overpressure events.

When used with the EJA DP transmitters, Meriam's 40H / 41H series features direct mount heads with integral 3-valve equalizing manifold that provides ultimate utility. The transmitter bolts directly onto the head eliminating the need to install pressure lines, saving installation and mounting time. They are ideal for plant upgrades, adding measurement points and for new plant installations.

Yokogawa EJX910

The high-performance EJX910 multivariable transmitter features a single-crystal silicon resonant sensor and is suitable to measure liquid, gas or steam mass flow. The EJX910 outputs a 4-20 mA DC signal corresponding to the measured differential pressure, static pressure, process temperature, or dynamically calculated and fully compensated mass flow.

When combining the Accutube and the Yokogawa EJX910 multivariable transmitter, mass flow and corrected volumetric flow measurement applications are handled. The multivariable transmitter provides additional ease of use with features such as:

- Replaces 3 element steam and gas flow systems
- One unit does temperature, pressure, DP, and calculates flow from those parameters
- Can use one twisted pair to the control room
- Configurable with a laptop

Ordering Information

To order the Yokogawa Pressure Transmitter custom made to your specifications, please contact your Meriam sales representative with the following information:

- Pressure range
- Wetted parts
- Process connections: ¼" FNPT or ½" FNPT
- Integral LCD display: yes or no
- Approval(s) required



Companion Products

To further reduce installation time and limit pipe penetration to a single point, select Accutube models 42H or 43H with the integral RTD option.

