



**DP**harp  
FOR THE DIGITAL WORLD

# EJX910A Multi-Variable Transmitter DP Flow Solution

The EJX910A Multi-Variable is a sophisticated transmitter designed to maximize the full potential of differential flowmetering. Successfully integrating its Multi-Variable capabilities with an onboard flow computer, enables our EJX910A to fully characterize the process conditions optimizing the total flow measurement. Delivering an unequalled performance for better than 1% of flowrate over a 10:1 turndown.

Dynamic flow compensation allows the EJX910A Multi-Variable flowmeter to eliminate errors in the differential flow calculations and to model the flow profile more precisely. On the other hand, traditional differential pressure transmitters are limited in their turndown, which is at best 5:1 and typically only 3:1. In contrast, our EJX910A Multi-Variable transmitter is able to characterize the full flow profile.

Dynamic flow compensation accounts for the expandability, compressibility, viscosity and density variations along with the dimensional changes of the primary device and pipeline caused by temperature.

- **10:1 Turndown on flow**
- **Better than 1% flowrate accuracy**
- **Standards compliant**
  - AGA 3 & 8 Natural Gas
  - ISO 5167 (1991 & 2003)



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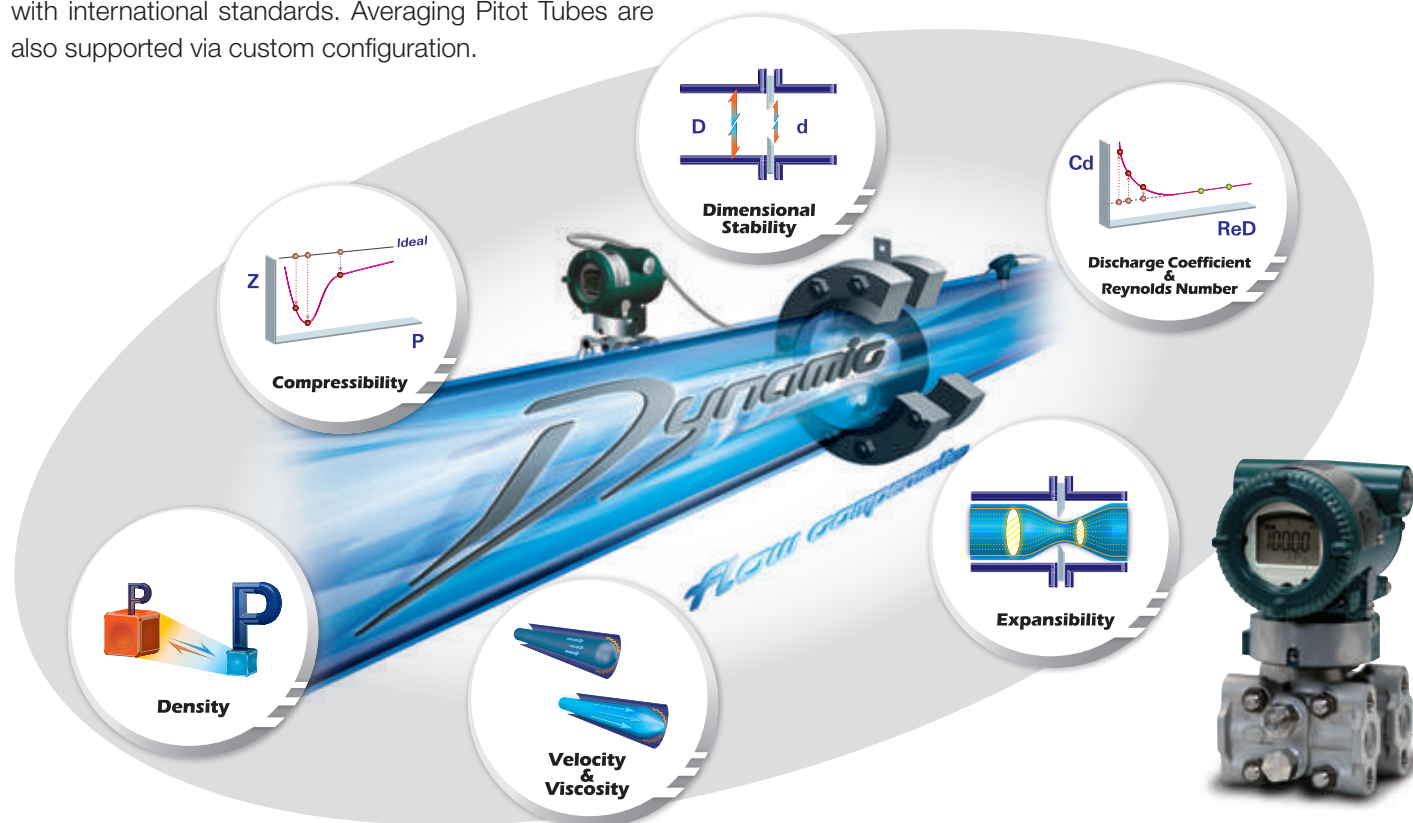
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A measure of Yokogawa's innovation, foresight and commitment to the industry. In the new compact design, you will find everything you need and more. The Digital Evolution Continues.

DP<sup>harp</sup> **EJX**<sup>TM</sup>

The EJX910A supports a number of primary devices; Orifice plates, Venturies and Flow Nozzles in accordance with international standards. Averaging Pitot Tubes are also supported via custom configuration.



The FSA120 software tool simplifies the handling and commissioning of the EJX910A by organizing the process parameters into logical and convenient blocks. As a configuration tool, offline simulation and flow modeling enable end users to check the validity of flowmeter parameters prior to installation.

A further advantage of the FSA120 configuration tool is the use of existing FDT/DTM technology. This allows our EJX910A DTM to be used in any compliant FDT frame application, revealing its full Multi-Variable measurement & diagnostic capabilities without restriction.

A Yokogawa Commitment to Industry

**vigilance**<sup>®</sup>

quality

innovation

foresight

What does Yokogawa **vigilance** mean to the future of your business? **Quality**. Through products that are built from the ground up and tested to the last hour, you're ensured continuous operation and more uptime. **Innovation**. Your business will benefit from new insights and capabilities, bringing true predictability to your process. **Foresight**. As the market changes, you'll have solutions that give you the continuity and flexibility to plan ahead and grow. Our partners know the difference. With Yokogawa, you can count on a lifetime of plant efficiency, from instrumentation to operation support. Let us be vigilant about your business.

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