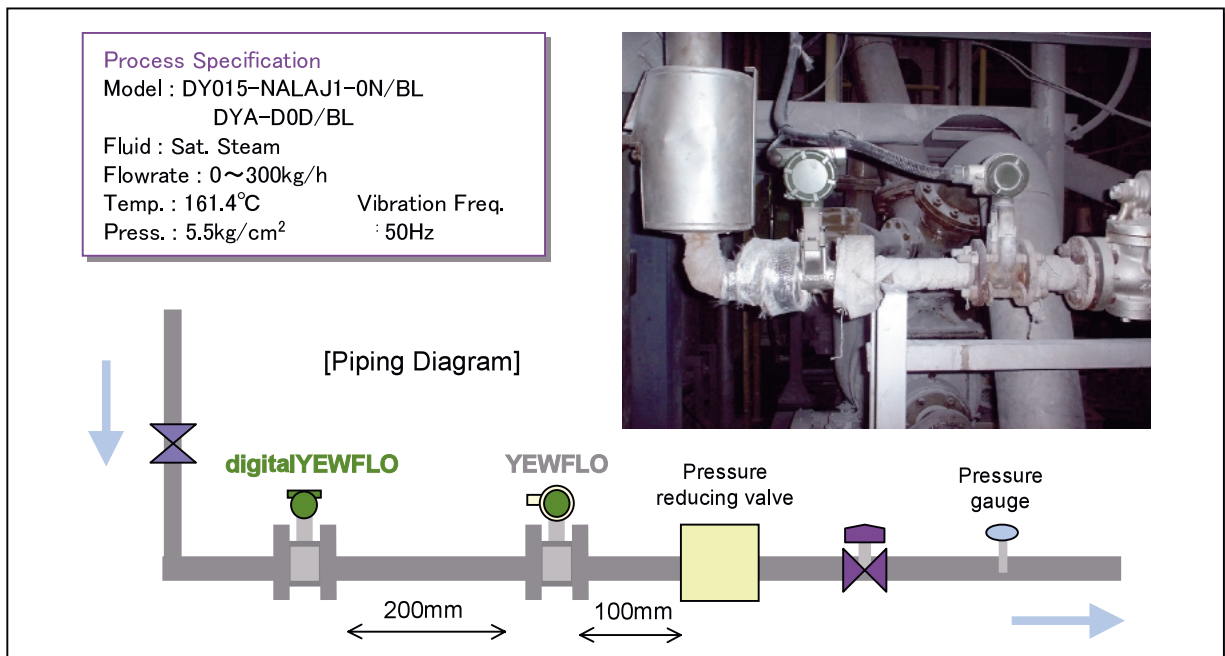


SENSOR APPLICATION NOTE

digitalYEWFLO had shown stability of output and high accuracy at a steam line under the high piping vibration.

The steam supplying control for the Alumina-Ceramic heating line.

The customer used the previous type of YEWFLO series and some adjustments were necessary for the output error by piping vibration.



Advantage of Installation

digitalYEWFLO



Catch exactly the amount of steam distribution and Use it the best.

digitalYEWFLO has developed not only for high accuracy or endurance but also for cost saving or energy saving. The result of this case proves that digitalYEWFLO will contribute to energy-savings and cost savings for customers.

Advantages of digitalYEWFLO

- | | |
|--|---|
| ☆No Start-up Tuning ➤ Initial Cost Saving | ☆Wide Rangeability ➤ Energy-Savings |
| ☆No Moving Parts ➤ No Regular Maintenance | ☆Improved Self-Diagnostic function |
| ☆High Accuracy ➤ Vibration proof | ➤ the predictive maintenance |
| ☆Low Pressure Loss ➤ Energy Saving | ☆Tough Body ➤ High Temperature Steam |

Test Data

Keep vibration influence in check and stable output at low flowrate.

SSP(Spectral Signal Processing) function which is advantage of digital YEWFLO always monitor the flow condition and control the optimal noise adjustment. By this function, digitalYEWFLO realize the stable output by eliminating vibration.

No more Initial Adjustment!

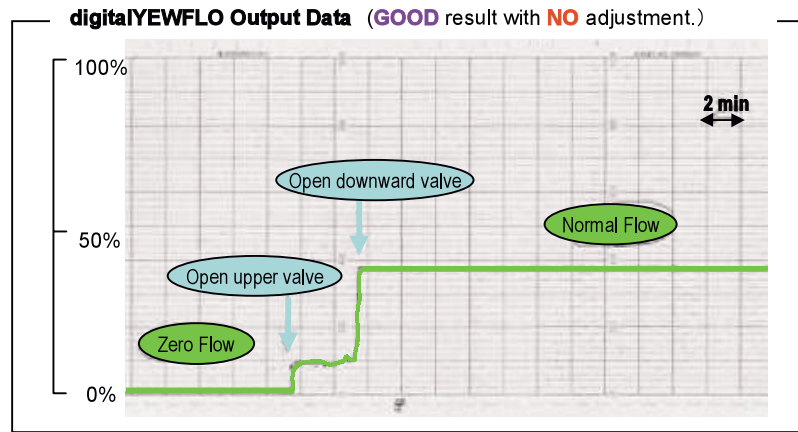
Initial Cost Reduction

Stable Output!

Running Cost Reduction

Save-Energy!

Much smooth Operation



From this test result, digitalYEWFLO got a good understanding from a customer about the importance of high accurate flowrate recognition. And digitalYEWFLO is expected to work for save-energy plan and action in near future.

digitalYEWFLO for Utility Line

Cost down , Save Energy , and...

PLAN

Save energy plan

DO

Flow control by **digitalYEWFLO**

P

D

A

C

ACTION

Improve the plan

CHECK

Catch the amount of energy consumption

digitalYEWFLO



[Save energy to enhancement of production efficiency]

High quality control of heat medium for long term is the essential factor of save-energy plan in future in exhaust heat, recovery and circulation line.

Tough and Durable YEWFLO series contribute efficiency for utility line with high accurate measurement and high productivity.

NOTICE

- Before operating the product, read the instruction manual thoroughly for proper and safe operation.
- If this product is for use with a system requiring safeguards that directly involve personnel safety, please contact the Yokogawa sales offices.

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