



# “MPF” Modular Pressure Transmitter

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## Applications

Pressure measurement in sanitary process lines

Process pressure control in pressurized fillers, filters, vessels, etc.

Aseptic processing, steam injection and other high temperature processes

Sanitary environment including wash downs, condensing humidity, and wide temperature swings

## Features

**Breakthrough Modular Design**

**Broadly Configurable Components**

**Ultimate environmental protection – welded stainless enclosures, patented seals, potted electronics**

**Microprocessor controlled with diagnostic routines and internal user interface and display**

## Benefits

**Lowest cost of ownership** - Individual components include Housing, Electronics puck, and Measurement element/ Fitting. In non-3A sanitary applications even fittings may be individually stocked as critical spares. Damaged a diaphragm? Lightning strike? No need to replace the entire transmitter as the individual component may be simply and economically replaced.

**Improves plant efficiencies and reduces costs** “One size fits all”, “Doing more with less”, and “Keep it simple”. The MPF achieves all this as the one pressure sensor that will meet every process pressure application in your facility. One universal electronics puck, class leading accuracy regardless of turndown, and the ability to reconfigure the sensor from factory in the field all result in optimal set-up and viewing angle, fewer misapplications, and greatly reduced parts inventory.

**Reliability** - the inside of a dairy plant is one of the most challenging environments that industrial sensors face. Continual temperature changes, condensing humidity, frequent high pressure spray downs – not to mention transmitters used as ladder rungs! Fully welded stainless enclosures will withstand the occasional foot hold and deflect the dropped wrench. Patent pending dual axial and radial seals at every joint prevent directed sprays and humidity from entering and condensing. A fully potted puck seals the electronics preventing damage from long term vibration.

**Simple, Fast Commissioning and Maintenance:** Keeping it simple extends to set up and maintenance as well. An internal screen continuously displays transmitter output while diagnostic routines run in the background monitoring the health of the transmitter. A menu driven user interface simplifies commissioning and any future configuration changes.



Pressure

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