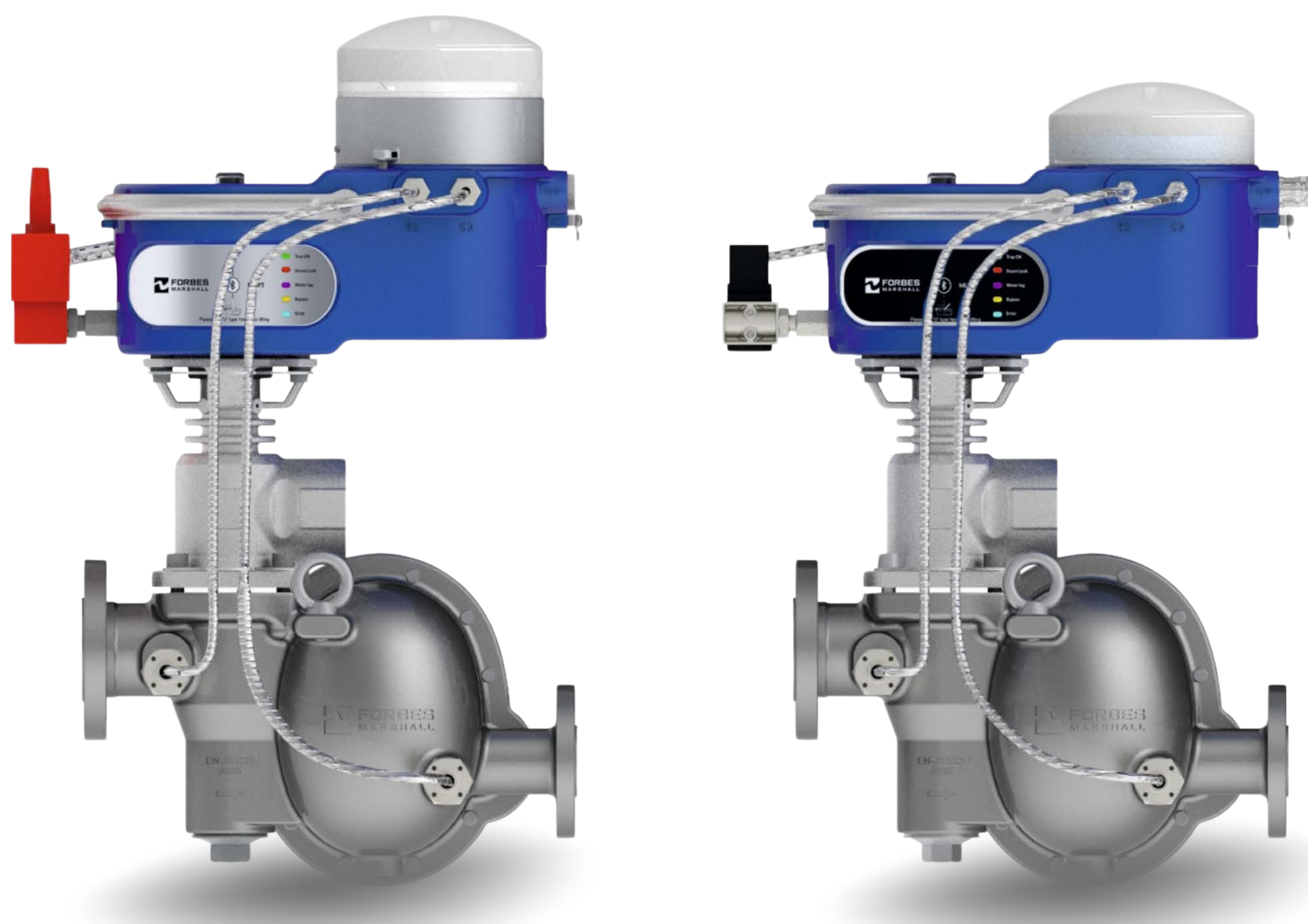


# MuPT : Multi-utility Process Trap

Multi-utility Process Trap is an integrated compact solution to detect and divert contaminated condensate based on TDS and Temperature as well as to evacuate uncontaminated condensate.

The system has integrated diversion mechanism, contamination detection sensor and trap monitoring.








## Features

- Detection and diversion of contaminated condensate
- Inbuilt Trap Monitoring
- Live status indication for Bypass mode & Trap conditions
- MODBUS & BLUETOOTH connectivity for monitoring.
- Ex & NON-Ex variants
- Integrated design, Smaller foot-print, Inbuilt strainer

## Benefits

- Equipment level contamination detection and diversion.
- Process equipment failure detection (Heat Exchanger)
- Improved condensate recovery factor
- Utility and condensate segregation
- Inbuilt trap monitoring system (detects and indicates system status and failures)
- Compact, Integrated, and online-maintainable design

### Indications:

-  • Trapping Mode – Green
-  • Bypass Mode - Yellow
-  • Water Logged & Process off - Blue
-  • Steam Leak - Red
-  • Diagnostic – Cyan (T Sensor Open)



# Technical Specifications

	MuPT-Ex		MuPT	
Size - Inlet & Bypass	DN40, DN50	DN 25	DN40, DN50	DN 25
Size - Outlet	DN 25	DN 20	DN 25	DN 20
Differential Pressure (bar g)	4.5 & 8	4.5 & 8	8	8
Condensate Capacity (kg/hr)	4000 @ 4.5 bar g 2300 @ 8 bar g	800 @ 4.5 bar g 600 @ 8 bar g	2300 @ 8 bar g	600 @ 8 bar g
Configuration & Digital connectivity	MODBUS		BLUETOOTH / MODBUS	
Product Compliance	IBR, Ex-d, Ex-i Sensor, Zone1: Gas Group IIA/B		Non-IBR, Non-Ex-d	
PMO & TMO	8 bar g @ 178°C			
Hydro Pressure	12 bar g			
Material of Construction	Trap Body : SG Iron    Diversion Unit & Internals: Stainless Steel			
IP Rating	IP 66			
Condensate Segregation Principle	TDS & Inlet Temperature Measurement			
Local Display/Indication	Local Indication (LED)			
Power Supply	230V AC Supply			

# Site data : Dyeing Process

