

Marse Flow Monitoring – Electronic multi-circuit distribution system*Electronic Multi-circuit Distribution System | 2–12 circuits | max. 180°C**Flow PV (max. 100°C)**Flow Basic (max. 120°C)**Flow 160 (max. 160°C)**Flow 180 (max. 180°C)***Product description**

The Marse Flow Monitoring system is a compact, modular distribution system that digitally measures and regulates the flow and return temperature of each circuit. Real-time alarms indicate contamination and blockages before any rejects can occur. Operation is via the 7" display of the Marse SMART Touchscreen TCU – no separate control panel is required.

Technical features

Parameter	Flow PV	Flow Basic	Flow 160	Flow 180
Max. temperature	100°C	120°C	160°C	180°C
Max. pressure	10 bar	10 bar	18 bar	16 bar
Flow regulation	Proportional valve	Ball valve	Ball valve	Ball valve
Measuring principle	Vortex+PT1000	Vortex+PT1000	Stainless steel Vortex+PT1000	Mechatronic
Measuring range	1–20 l/min	1–20 l/min	1–18 l/min	0.3–25 l/min
Heat transfer medium	Water/glycol	Water/glycol	Water/glycol	Water/glycol/oil
Material (fluid contact)	Copper+stainless steel, FKM	Copper+stainless steel, FKM	Stainless steel, FKM	Stainless steel, FKM
Number of circuits	2/4/6/8/10/12	2/4/6/8/10/12	2/4/6/8/10/12	2/4/6/8/10/12
Main connection	1"	1"	1"	1"
Interfaces	OPC UA, TTY, RS485	OPC UA, TTY, RS485	OPC UA, TTY, RS485	OPC UA, TTY, RS485

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