

THE NEXT GENERATION FLEXIM™ FLUXUS F/G731 FLOW TRANSMITTER IS HERE!

Upgrade and Save!

The FLUXUS F/G731 transmitter builds on the proven F/G70X platform, delivering superior **performance and diagnostic upgrades.**

WHAT'S NEW?

Highly customizable I/O expands your digital communication capabilities with native support for HART®, Modbus TCP/IP, Profibus PA, and Foundation Fieldbus

Advanced Flow Disturbance Correction reduces the impact of upstream disturbances like elbows, expanders, and reducers—maintaining accuracy with as little as 2 pipe diameters of inlet run.

Advanced Meter Verification continuously trends key diagnostics established at commissioning, helping you detect changing pipe or process conditions early and strengthen long-term measurement confidence.

Optional WirelessHART via THUM (sold separately) functionality improves DCS integration and communication efficiency in retrofit instances.

A FAST & SIMPLE UPGRADE

The F/G731 upgrade is a **straightforward transmitter replacement:**

- Existing transducers on pipe can remain in place
- No pipe cutting or process downtime
- Minimal conduit or electrical modifications
- Faster commissioning with an enhanced user interface and USB-C service port

TRADE IN & SAVE

Trade in a functional past-generation FLUXUS transmitter and receive a **20% discount** on a new F/G731.

Protect your existing transducer investment while gaining next-generation performance!



FLUXUS F/G731 Non-intrusive
Ultrasonic Flow Transmitter

FEATURE	new		NOTES
	F/G731	F/G70X	
Synchronized Channel Averaging	✓	X	Instantaneous flow profile compensation
Flow Disturbance Correction	✓	X	Reduced uncertainty in non-ideal inflow conditions
Highly Customizable I/O	✓	X	Added digital communications including HART, Modbus TCP IP, Profibus PA, Foundation Fieldbus
Wider Voltage Range	✓	X	Combined 12-24V DC power supply, 90-264V AC
Advanced Meter Verification	✓	X	Trend changing pipe conditions vs. installation to provide process insights
Improved Interface & Start-up	✓	X	Larger display, USB-C, more intuitive menu for faster start-up

THE BOTTOM LINE

You can upgrade your old Flexim transmitters with the same transducers, minimal rework and maximum performance gain!

The FLUXUS F/G731 delivers next generation accuracy, installation flexibility, and predictive diagnostics – without the cost or downtime of replacing an inline transmitter.



Meters eligible for upgrading:

501, 5107, 5207, 704,
705, 706, 721, 722, 7407

TECHNICAL FACTS

CATEGORY	FLUXUS F/G731	FLUXUS F/G70X
Flow channels	Up to 2 channels (incl. Synchronized Channel Averaging)	Up to 2 channels
Outputs	Analog 4 to 20 mA (active/passive), pulse/ frequency/binary	Analog 4 to 20 mA (active/passive), voltage/ frequency/binary
Fieldbus protocols	Modbus RTU, Modbus TCP, HART, FF H1, Profibus PA, BACnet MS/TP, BACnet IP, M-Bus	RS485, Modbus RTU, HART, FF H1, BACnet MS/TP, BACnet IP
Service interface	USB-C	RS232
Inputs	Temperature input, current input	Temperature input, current input, voltage input, binary input
Uncertainty liquid measurement	±1 % MV ±0.02 ft/s	±1.6 % of reading ±0.03 ft/s
Uncertainty gas measurement	±1 to 2 % MV ±0.02 ft/s	±1 to 3 % MV ±0.03 ft/s
Response time	up to 0.02 s	up to 0.07 s
Power supply	100 to 240 V ±10 %/50 to 60 Hz 11 to 32 V DC	100 to 230 V/50 to 60 Hz 20 to 32 V DC
Diagnostics	Advanced Meter Verification	-
Advanced functions	Synchronized Channel Averaging Advanced Flow Disturbance Correction	-
Hazardous area approvals	FM Class 1 Div. 2, ATEX/IECEx Zone 2	FM Class 1 Div. 2, ATEX/IECEx Zone 2
Ambient temperature	-40 to +140/149 °F	-4 to +131/140 °F