

FloBoss

FloBoss™ 103



FloBoss™ 503



FloBoss™ 407



FloBoss™ 107



Product Capabilities

ROC 107



ROC 809



ROC

ROC 827



FLOBOSS SPECIFICATIONS

FEATURE	FloBoss 103	FloBoss 104	FloBoss 503	FloBoss 504	FloBoss 407	FloBoss 107
Metering Runs	1	1	1	1	4	4
Turbine Meter Runs	NA	1	NA	1	2	4
Gas Calculations	AGA 3,8	AGA 7,8	AGA 3,7,8	AGA 7,8	AGA 3,7,8	AGA 3,7,8
API Chapter 21.1 Compliant	✓	✓	✓	✓	✓	✓
Class I Div 1	✓	✓	NA	NA	NA	NA
Class I Div 2	✓	✓	✓	✓	✓	✓
Built-in Single-Point I/O	1RTD	1RTD	1RTD, 1DO	1RTD, 1DO	1 AI, 1AI or PI	1RTD
Maximum Expansion I/O	6	6	24	24	4	42
Maximum HART Devices	NA	NA	NA	NA	32	TBD
Maximum Communication Ports	3	3	2	2	3	4
PID Control Loops	1	1	3	3	4	8
FST Control Algorithms	2	2	2	2	4	4
CSA (NEMA) Type 4 Enclosure	✓	✓	✓	✓	✓	✓
Rosemount Sensor Integral, Remote	Integral	Integral	Integral Remote	Integral	Remote	Integral Remote
Internal Batteries/Radio Mounting	✓	✓	✓	✓	NA	✓
LCD Display (L), LCD with Keypad (K)	L	L	L	L	L, K	L, K

- Fully Compliant AGA Measurement Orifice and Linear (AGA 3, AGA 7)
- Fully API Compliant Audit Trail with 35 Day History Alarms, Events, Hourly/Daily, Minute, Min/Max Data Base, Configurable Sampling Periods
- PID Control with Dual Mode Override
- Function Sequence Table (FST) Logic Programming
- IEC 61131 Programming (ROC800)
- Multi-Variable Precision Sensors
- Complete Assortment of Input/Output Modules or Boards
- Low Power Requirements
- Easy to Use ROCLINK Software
- ROC and Modbus Communication Protocols Over Multiple Comm Ports
- Ethernet Communication (ROC800)
- Robust Design (-40° to +185°F)

ROC SPECIFICATIONS

FEATURE	ROC 107	ROC 809	ROC 827
Metering Runs	4	12	12
Class I Div 2	✓	✓	✓
Built-in Single-Point I/O	1RTD	0	0
Maximum Expansion I/O	42*	72*	216
Maximum HART Devices	TBD	20/HART Card	20/HART Card
Maximum Communication Ports	4	6 + 1 Ethernet	5 + 1 Ethernet
PID Loops	8	16	16
FST Control Algorithms	4	6	6
IEC 61131-3 Programming Languages	TBD	✓	✓
CSA (NEMA) Type 4 Enclosure	Available	Available	Available
Rosemount Sensor Integral, Remote	Remote Integral	Remote	Remote
LCD Display (L), LCD with Keypad (K)	L, K	L, K	L, K

*Depends on I/O type. I/O count is virtually unlimited by networking ROC809 units.

