

Building Reliability, from the Ground Up



Process Control Solutions for the Oil and Gas Industry



All the Right Resources. All in One Place.

Quality materials. Reliable performance. Unbeatable expertise. When it comes to oil and gas equipment, Emerson Process Management sets the industry's standard. The world leader in oil and gas production and processing, Emerson offers an extensive line of pressure and flow control equipment. From regulators, to flow computers, to valves, our products are designed for superior performance, and built to last in the most rugged environments. Our quality testing procedures go beyond the surface, to ensure your equipment operates reliably — even in extreme conditions. As your partner in process management, we're committed to ensuring you get the maximum value from your oil and gas resources.

But Emerson Process Management is about more than quality equipment. It's also about our people. Our global service network gives you access to our experienced live support team 24 hours a day, seven days a week. Whether we're helping you lay out a job or getting a product to you in the field, you can rely on Emerson for responsive, knowledgeable customer service.

We're deeply invested in the oil and gas industry, and we are committed to continuous research and product improvement. With more than 100 years of experience, we've built a solid reputation for reliability — and we're looking forward to serving you, well into the future.



“We buy the best products that we can, because we can't afford for it to break down. I've been buying Fisher equipment for 51 years now.”

– Ben Turpen, Sivalls, Inc.

Pictured left to right: James Bradley, P.E., Manager, Sivalls, Inc.; Ben L. Turpen, P.E., Project Engineer, Sivalls, Inc.

Instrument Supply / Switching Valves



67C Series

Body Size	1/4 NPT
Outlet Pressure Range	0 to 150 psig / 0 to 10,3 bar
Maximum Inlet Pressure	400 psig / 27,6 bar
Operation Method	Direct-Operated
Body Material	Aluminum, Stainless Steel, or NACE
Bulletin No.	71.1:67C



NEW

67D Series

Body Size	1/2 NPT
Outlet Pressure Range	0 to 150 psig / 0 to 10,3 bar
Maximum Inlet Pressure	400 psig / 27,6 bar
Operation Method	Direct-Operated
Body Material	Aluminum, Stainless Steel, or NACE
Bulletin No.	71.1:67D



1301 Series

Body Size	1/4 NPT
Outlet Pressure Range	10 to 500 psig / 0,69 to 34,5 bar
Maximum Inlet Pressure	6000 psig / 414 bar
Operation Method	Direct-Operated
Body Material	Brass, Stainless Steel, NACE
Bulletin No.	71.1:1301



NEW

167D Series

Body Size	1/4 or 1/2 NPT
Outlet Pressure Range	3 to 150 psig / 0,21 to 10,3 bar
Maximum Inlet Pressure	400 psig / 27,6 bar
Operation Method	Type 167D: 2-Way Switching Valve Type 167DA: 3-Way Switching Valve
Body Material	Aluminum, Stainless Steel, or NACE
Bulletin No.	71.7:167D



Type 119

Body Size	3/4, 1, 1-1/4 NPT
Outlet Pressure Range	3 to 60 psig / 0,21 to 4,1 bar
Maximum Inlet Pressure	150 psig / 10,3 bar
Operation Method	Direct-Operated
Body Material	Cast Iron, Steel, or NACE
Bulletin No.	71.1:119



Pressure Reducing Regulators



627 Series

Body Size	NPS 3/4, 1, 2 / DN 20, 25, 50
Outlet Pressure Range	5 to 500 psig / 0,34 to 34,5 bar
Maximum Inlet Pressure	2000 psig / 138 bar
Operation Method	Direct-Operated
Body Material	Ductile Iron, Steel, Stainless Steel, or NACE
Bulletin No.	71.1:627



Type HSR

Body Size	3/4, 3/4 x 1, or 1 NPT / DN 20, 20x25, 25
Outlet Pressure Range	4-inches w.c. to 2.2 psig / 10 mbar to 0,15 bar
Maximum Inlet Pressure	125 psig / 8,6 bar
Operation Method	Direct-Operated
Body Material	Cast Iron
Bulletin No.	71.1:HSR



Type 630

Body Size	NPS 1, 2 / DN 25, 50
Outlet Pressure Range	3 to 500 psig / 0,21 to 34,5 bar
Maximum Inlet Pressure	1500 psig / 103 bar
Operation Method	Direct-Operated
Body Material	Cast Iron, Steel, or NACE
Bulletin No.	71.1:630



95 Series

Body Size	NPS 1/4, 1/2, 3/4, 1, 1-1/2, 2 / DN 15, 20, 25, 40, 50
Outlet Pressure Range	2 to 400 psig / 0,14 to 27,6 bar
Maximum Inlet Pressure	600 psig / 41,4 bar
Operation Method	Direct-Operated
Body Material	Cast Iron, Steel, Stainless Steel, Hastelloy® C, Monel®, or NACE
Bulletin No.	71.1:95



CS800 Series

Body Size	NPS 1-1/4, 1-1/2, or 2 / DN 50
Outlet Pressure Range	3.5-inches w.c. to 7.5 psig / 9 to 515 mbar
Maximum Inlet Pressure	175 psig / 12,1 bar
Operation Method	Direct-Operated
Body Material	Cast Iron, Ductile Iron, or Steel
Bulletin No.	71.1:CS800

Pressure Reducing Regulators

Y690A Series



Body Size	NPS 3/4 or 1 / DN 20, 25
Outlet Pressure Range	1-inch w.c. to 7 psig / 2 mbar to 0,48 bar
Maximum Inlet Pressure	150 psig / 10,3 bar
Operation Method	Direct-Operated
Body Material	Ductile Iron or Stainless Steel
Bulletin No.	71.1:Y690A

Y600A Series



Body Size	3/4 or 1 NPT
Outlet Pressure Range	4-inches w.c. to 7 psig / 10 mbar to 0,48 bar
Maximum Inlet Pressure	150 psig / 10,3 bar
Operation Method	Direct-Operated
Body Material	Cast Iron
Bulletin No.	71.1:Y600A

EZR Series



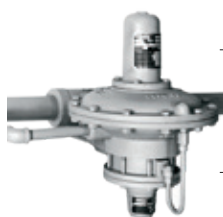
Body Size	NPS 1, 1-1/4, 2, 2x1, 3, 4, 6x4, 8x4, 6, 8, 8x6, 12x6 / DN 25, 32, 50, 50x25, 80, 100, 150x100, 200x100, 150, 200x150, 200, 300x150
Outlet Pressure Range	6-inches w.c. to 1160 psig / 15 mbar to 80 bar
Maximum Inlet Pressure	1050 psig / 72,4 bar
Operation Method	Pilot-Operated
Body Material	Cast Iron or Steel
Bulletin No.	71.2:EZR

Type 310A



Body Size	NPS 1, 2, 3, 4, or 4x6 / DN 25, 50, 80, 100, 100x150
Outlet Pressure Range	10 to 700 psig / 0,69 to 48,3 bar
Maximum Inlet Pressure	1500 psig / 103 bar
Operation Method	Pilot-Operated
Body Material	Steel
Bulletin No.	71.2:310A

Type 99



Body Size	2 NPT / DN 50
Outlet Pressure Range	2-inches w.c. to 100 psig / 5 mbar to 6,9 bar
Maximum Inlet Pressure	1000 psig / 69,0 bar
Operation Method	Pilot-Operated
Body Material	Cast Iron or Steel
Bulletin No.	71.2:99

Type 1098-EGR



Body Size	NPS 1, 2, 3, 4, 6, 8x6 or 12x6 / DN 25, 50, 80, 100, 150, 200x150, 300x150
Outlet Pressure Range	4-inches w.c. to 300 psig / 10 mbar to 20,7 bar
Maximum Inlet Pressure	400 psig / 27,6 bar
Operation Method	Pilot-Operated
Body Material	Cast Iron, Steel, Stainless Steel, or NACE
Bulletin No.	71.2:1098-EGR

Relief / Backpressure Regulators

1808 Series



Body Size	2 NPT
Set Pressure Range	3 to 125 psig / 0,21 to 8,6 bar
Maximum Inlet Pressure	150 psig / 10,3 bar
Operation Method	Pilot-Operated
Body Material	Cast Iron or Steel
Bulletin No.	71.4:1808

289 Series



Body Size	NPT 1/4, 3/4, 1, or 2
Set Pressure Range	5-inches w.c. to 75 psig / 12 mbar to 5,2 bar
Maximum Inlet Pressure	100 psig / 6,9 bar
Operation Method	Direct-Operated
Body Material	Zinc, Aluminum, or Cast Iron
Bulletin No.	71.4:289

98 Series



Body Size	NPS 1/4, 1/2, 3/4, 1, 1-1/2, 2
Set Pressure Range	2 to 375 psig / 0,14 to 25,9 bar
Maximum Inlet Pressure	400 psig / 27,6 bar
Operation Method	Direct-Operated
Body Material	Cast Iron, Steel, Stainless Steel, Monel®, Hastelloy® C, or NACE
Bulletin No.	71.4:98

Type 63EG



Body Size	NPS 1, 2, 3, 4, 6, 8x6 / DN 25, 50, 80, 100, 150, 200x150
Set Pressure Range	3 to 400 psig / 0,21 to 27,6 bar
Maximum Inlet Pressure	400 psig / 27,6 bar
Operation Method	Pilot-Operated
Body Material	Cast Iron, Steel, Stainless Steel, or NACE
Bulletin No.	71.4:63EG

Type 1805



Body Size	3/4, 1, 1-1/2, 2 NPT
Set Pressure Range	5 to 125 / 0,34 to 8,6
Maximum Inlet Pressure	150 psig / 10,3 bar
Operation Method	Direct-Operated
Body Material	Cast Iron, Ductile Iron, Steel, or NACE
Bulletin No.	71.4:1805

H200 Series



Body Size	3/4 or 1 NPT
Set Pressure Range	25 to 300 psig / 1,7 to 20,7 bar
Maximum Inlet Pressure	400 psig / 27,6 bar
Operation Method	Direct-Operated
Body Material	Brass
Bulletin No.	71.4:H200

Valves and Controllers



D2 FloPro Dump Valve



Pressure Rating	ASME CL900
Port Size	1/2-inch
Trim	Hardened
Compatibility	NACE
Bulletin No.	51.2:D2

D3 FloPro Control Valve



Pressure Rating	ASME CL900
Port Size	3/8, 3/4, 1 inch
Trim	Hardened
Compatibility	NACE
Bulletin No.	51.2:D3

D4 Control Valve



Pressure Rating	ASME CL900
Port Size	1/4, 3/8, 1/2, 3/4, 1, 1-1/4 inch
Trim	Hardened
Compatibility	NACE
Bulletin No.	51.2:D4

i2P-100 Electro-Pneumatic Transducer



Bleed	Low
Compliance	Natural Gas Approved
Supply Pressure	Up to 50 psig (3,4 bar)
Compatibility	NACE
Bulletin No.	62.1:i2P-100

FIELDVUE™ DVC6200



Certification Testing:	ASME CL900, Natural Gas Certified
Maximum Supply Pressure	145 psi (10,0 bar)
Rated Instrument Temperature Range	-62 to 185 °F / -52 to 85 °C
Low Bleed Relay	Can decrease steady state gas consumption up to 83%
Bulletin No.	62.1:DVC6200

Valves and Controllers



	L2sj Low Emission Liquid Level Controller
Supply Pressure	5 to 35 psig / 0.34 to 2.4 bar
Function	On-Off / Direct Acting
Supply Medium	Natural Gas
Limits Controller	-29 to 71°C / -20 to 160°F
Compatibility	NACE
Bulletin No.	34.2:L2sj



	L2 Liquid Level Controller
Supply Pressure	20 to 50 psig / 1.4 to 5.2 bar
Function	Throttling or Snap Acting
Supply Medium	Natural Gas
Limits Controller	-29 to 79°C / -20 to 175°F
Compatibility	NACE
Bulletin No.	34.2:L2



	4660 High-Low Pressure Pilot
Set Ranges	3 to 9700 psig (0,21 to 669 bar)
Primary Switching Mechanism	Block-and-Bleed Relay
Compatibility	NACE
Repeatability	±0.25%
Bulletin No.	34.5:4660



	4195K Gauge Pressure Indicating Controller
Remote Setpoint Pressures	3 to 15 psig / 0,21 to 1,0 bar 6 to 30 psig / 0,41 to 2,1 bar
Process Connections	Standard: 1/4 NPT internal Optional: 1/2 NPT external adaptors
Supply and Output Connections	1/4 NPT internal
Bulletin No.	34.5:4195K



	C1 Pneumatic Controller
Pressure Controller	0 to 10000 psig / 0 to 689 bar
Control Action	Proportional or Proportional Plus Reset
Compatibility	NACE
Bulletin No.	34.3:C1

Flow Computers

ROC800



Primary Application	Flow Computer & RTU Oil & Gas Production
Meter Runs	Up to 12 runs
Configuration	Configurable and Programmable
Communication Ports	1 Ethernet, 4 Serial
Protocols	ROC & Modbus
Bulletin No.	D301155X012

FloBoss 107



Primary Application	Flow Computer Gas Production
Meter Runs	Up to 4 runs
Configuration	Configurable
Communication Ports	1 Ethernet, 4 Serial
Protocols	ROC & Modbus
Bulletin No.	D301233X012

ControlWave MicroTM



Primary Application	Flow Computer, RTU & PLC Gas Transmission
Meter Runs	Highly Expandable, Programmable & Configurable
Configuration	1 or 2 Ethernet, up to 11 Serial
Communication Ports	BSAP, Modbus, DNP3, DF1, CIP
Bulletin No.	D301276X012



FloBoss S600+ Fiscal Flow Computer



Primary Installation	Panel Mount
Duty	Liquid & Gas Multistream
Approvals	MID / Mi Liquid & Gas OIMLR 117-1 Liquid EN12405 Gas
Configuration	Highly Configurable
Bulletin No.	D301151X012



Find what you need quickly and easily utilizing our Quick Selection Guide

INSTRUMENT SUPPLY						
TYPE OR SERIES	MAXIMUM INLET PRESSURE, psig / bar	OUTLET PRESSURE RANGES AND RELIEF SETPOINTS, psig / bar	BODY SIZE	DIRECT (D) OR PILOT (P) OPERATION	NACE COMPATIBLE	PRODUCT BULLETIN
67C Series	400 / 27,6	0 to 150 / 0 to 10,3	1/4 NPT	D	X	71.1:67C
67D Series	400 / 27,6	0 to 150 / 0 to 10,3	1/2 NPT	D	X	71.1:67D
1301 Series	6000 / 414	10 to 500 / 0,69 to 34,5	1/4 NPT	D	X	71.1:1301
SWITCHING VALVE						
Type 119	150 / 10,3	3 to 60 / 0,21 to 4,1	3/4, 1, 1-1/4 NPT	D	X	71.1:119
167D Series	400 / 27,6	3 to 150 / 0,21 to 10,3	1/4, 1/2 NPT	D	X	71.1:67D
PRESSURE REDUCING REGULATORS						
95H Series	600 / 41,4	15 to 400 / 1,0 to 27,6	NPS 1/4, 1/2, 3/4, 1, 1-1/2, 2 / DN 15, 20, 25, 40, 50	D	X	71.1:95
95L Series	300 / 20,7	2 to 30 / 0,14 to 2,1	NPS 1/4, 1/2, 3/4, 1 / DN 15, 20, 25	D	X	71.1:95
Type 99	1000 / 69,0	2" w.c. to 100 / 5 mbar to 6,9	2 NPT / DN 50	P		71.2:99
Type 310A	1500 / 103	10 to 700 / 0,69 to 48,3	NPS 1, 2, 3, 4, 4 x 6 / DN 25, 50, 80, 100, 100x150	P	X	71.2:310A
627 Series	2000 / 138	5 to 500 / 0,34 to 34,5	NPS 3/4, 1, 2 / DN 25, 50	D	X	71.1:627
Type 627F	250 / 17,2	5 to 100 / 0,34 to 6,9	NPS 3/4, 1, 2 / DN 25, 50	P		71.2:627F
Type 630	1500 / 103	3 to 500 / 0,21 to 34,5	NPS 1, 2 / DN 25, 50	D	X	71.1:630
Type 1098-EGR	400 / 27,6	4" w.c. to 300 / 10 mbar to 20,7	NPS 1, 2, 3, 4, 6, 8 x 6, 12 x 6 / DN 25, 50, 80, 100, 150, 200x150, 300x150	P	X	71.2:1098-EGR
CS800 Series	175 / 12,1	3.5" w.c. to 7.5 / 9 mbar to 515 mbar	NPS 1-1/4, 1-1/2 or 2 / DN 50	D		71.1:CS800
EZR Series	1050 / 72,4	6" w.c. to 1160 / 15 mbar to 80	NPS 1, 1-1/4, 2, 2 x 1, 3, 4, 6 x 4, 8 x 4, 6, 8, 8 x 6, 12 x 6 / DN 25, 32, 50, 50 x 25, 80, 100, 150x100, 200x100, 150, 200x150, 200, 300x150	P		71.2:EZR
Type HSR	125 / 8,6	4" w.c. to 2,2 / 10 mbar to 0,15	NPT 3/4, 3/4 x 1, 1 / DN 20, 20x25, 25	D		71.1:HSR
Type Y600A	150 / 10,3	4" w.c. to 7 / 10 mbar to 0,48	3/4, 1 NPT	D		71.1:Y600A
Y690A Series	150 / 10,3	1" w.c. to 7 / 2 mbar to 0,48	NPS 3/4, 1 / DN 20, 25	D	X	71.1:Y690A
BACKPRESSURE / RELIEF VALVES						
Type 63EG	400 / 27,6	3 to 400 / 0,21 to 27,6	NPS 1, 2, 3, 4, 6, 8 x 6 / DN 25, 50, 80, 100, 150, 200 x 150	P	X	71.4:63EG
289 Series	100 / 6,9	5" w.c. to 75 / 12 mbar to 5,2	NPT 1/4, 3/4, 1, 2	D		71.4:289
Type 289P	110 / 7,6	10 to 100 / 0,69 to 6,9	NPS 1, 2	P		71.4:289P
98H Series	400 / 27,6	5 to 375 / 0,34 to 25,9	NPS 1/4, 1/2, 3/4, 1, 1-1/2, 2 / DN 15, 20, 25, 40, 50	D	X	71.4:98
98L Series	150 / 10,3	2 to 38 / 0,14 to 2,6	NPS 1/4, 1/2, 3/4, 1, 1-1/2, 2 / DN 15, 20, 25, 40, 50	D	X	71.4:98
Type 1805	150 / 10,3	5 to 125 / 0,34 to 8,6	3/4, 1, 1-1/2, 2 NPT	D	X	71.4:1805
1808 Series	150 / 10,3	3 to 125 / 0,21 to 8,6	2 NPT	P		71.4:1808
EZR Series	1050 / 72,4	6" w.c. to 1160 / 15 mbar to 80	NPS 1, 2, 3, 4, 6, / DN 25, 50, 80, 100, 150	P		71.4:EZR
Type H200	400 / 27,6	25 to 300 / 1,7 to 20,7	3/4 or 1 NPT	D		71.4:H200

For further information visit www.fisherregulators.com

CONTROL VALVES					
TYPE OR SERIES	MAXIMUM INLET PRESSURE, psig / bar	OUTLET PRESSURE RANGES AND RELIEF SETPOINTS, psig / bar	BODY SIZE	NACE COMPATIBLE	PRODUCT BULLETIN
D2	2250 / 155	up to 1500 / 103	1/2-inch (PORT)	X	51.2:D2
D3	2250 / 155	0 to 35 / 0 to 3	3/8, 3/4, 1 inch (PORT)	X	51.2:D3
D4	4250 / 293	0 to 50 psig / 0 to 3,4	1/4, 3/8, 1/2, 3/4, 1, 1-1/4 inch (PORT)	X	51.2:D4
VALVE CONTROLLER/PRESSURE PILOT/TRANSDUCER					
TYPE OR SERIES	INPUT SIGNAL mA DC	OUTPUT PRESSURE, psig / bar	OUTPUT SIGNAL	NACE COMPATIBLE	PRODUCT BULLETIN
4195K		3 to 30 / 0.2 to 2	Proportional, Proportional + Reset, or Proportional + Reset + Rate Range	X	34.5:4195K
4660		3 to 9700 / 0.21 to 669	Zero or full	X	34.5:4660
FIELDVUE™ DVC6200	4 to 20	5 to 145 / 0.3 to 10	Double, Single Direct, or Reverse		62.1:DVC6200
C1		3 to 30 / 0.2 to 2	Proportional, Proportional + Reset Controllers and Transmitter	X	34.3:C1
i2P	4 to 20	2 to 33 / 0.14 to 2.3	Configurable by Dip Switch and Zero and Span Potentiometer	X	62.1:i2P-100
LEVEL CONTROLLER					
TYPE OR SERIES	FUNCTION	SUPPLY PRESSURE psig / bar	LIMITS CONTROLLER	NACE	PRODUCT BULLETIN
L2	Throttling or Snap Acting	20 to 50 / 1.4 to 5.2	-29 to 79°C / -20 to 175°F	X	34.2:L2
L2sj	On-Off / Direct Acting	5 to 35 / 0.34 to 2.4	-29 to 71°C / -20 to 160°F	X	34.2:L2sj
For further information visit www.Fisher.com					

FLOW COMPUTERS						
MODEL	PRIMARY APPLICATION	CONFIGURATION	COMMUNICATIONS PORT	PROTOCOLS	METER RUNS	PRODUCT BULLETIN
FloBoss 107	Flow Computer	Configurable	1 Ethernet, 4 Serial	ROC & Modbus	Up to 4 run	D301233X012
FloBoss S600+	Flow Computer	Configurable	2 Ethernet, 1 Local Operator, 9 Comm Serial Ports	Modbus Protocols	Up to 10 run	D301151X012
ControlWave Micro™	Flow Computer, RTU & PLC	Highly Programmable & Configurable	1 or 2 Ethernet, up to 11 serial	BSAP, Modbus, DNP3, DF1, CIP	4 & 8 runs standard	D301276X012
ROC800	Flow Computer & RTU	Configurable & Programmable	1 Ethernet, 4 Serial	ROC & Modbus	Up to 12 run	D301155X012
For further information visit www.emersonprocess.com/remote						

Emerson sales, service and technical support are close at hand. Anywhere in the world, our resources are available by telephone or on our website. Our distribution network includes an experienced sales and support team, with more than 2,000 technical experts available from nearly 200 offices throughout the world.

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