



Section P
Flow Control and Pressure Regulation

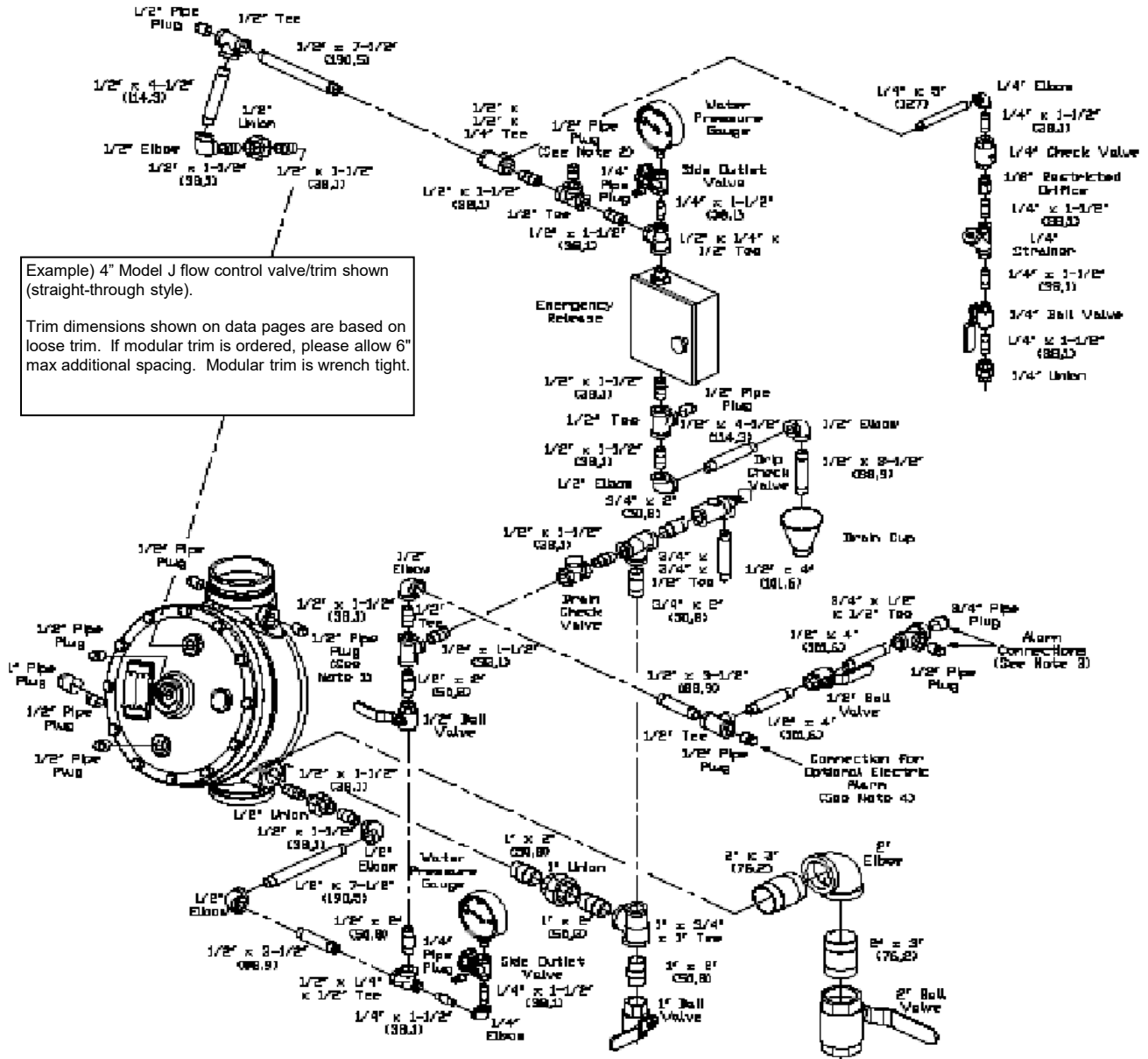
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Notes

1. Refer to Viking technical data pages for complete product specifications. You may print or download technical data by visiting www.vikinggroupinc.com.
2. List prices effective July 9, 2022. Supersedes February 2022 list price book.
3. All sales by Viking are subject to the Terms & Conditions found on the last page of this book.

Flow Control System



Model J Flow Control Valve* - STRAIGHT THROUGH

IPG 244	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X	<u>12130</u>	<u>12063</u>	<u>12405</u>	N/A	N/A	N/A	N/A
Thread	\$5,306.99	\$5,477.40	\$6,944.08				
Flange X	N/A	N/A	N/A	<u>12016</u>	<u>11968</u>	<u>11970</u>	<u>11993</u>
Flange				\$6,944.08	\$8,750.21	\$11,683.53	\$25,171.28
Flange X	N/A	N/A	N/A	<u>12020</u>	<u>11967</u>	<u>11969</u>	N/A
Groove				\$6,944.08	\$8,750.21	\$11,683.53	
Groove X	<u>12129</u>	<u>12061</u>	<u>12407</u>	<u>12024</u>	<u>11516</u>	<u>11527</u>	<u>11019</u>
Groove	\$5,306.99	\$5,477.40	\$6,944.08	\$6,944.08	\$8,750.21	\$11,683.53	\$22,064.74

* Valve is not included in trim packages. Please order separately.
See following pages for trim packages and equipment.

Flow Control System

TrimPac® V234	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Straight-Through <i>(includes release / trim)</i>	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44	<u>12252C-1</u> \$6,336.44

TrimPac includes conventional trim, releasing device (solenoid valve), releasing trim, and flexible hose kit.
Drain package for TrimPac must be ordered separately (see below).

Drain Package (IPG V257)

Use with TrimPac® <i>(order separately)</i>	<u>11894-1</u> \$738.33	<u>11894-2</u> \$597.20	<u>11894-3</u> \$676.78	<u>11894-3</u> \$676.78	<u>11894-4</u> \$868.61	<u>11894-4</u> \$868.61	<u>11894-4</u> \$868.61
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1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Vertical Trim (Straight Through) - Galvanized (IPG V245)

Loose Trim <i>(incl. accessory pkg-09316)</i>	<u>12418-1</u> \$3,833.53	<u>12418-1</u> \$3,833.53	<u>12306-1</u> \$3,613.83	<u>12306-1</u> \$3,613.83	<u>11719-1</u> \$3,835.25	<u>11720-1</u> \$3,835.25	<u>14708-1</u> \$4,545.92
Modular Trim <i>(incl. accessory pkg-09316)</i>	<u>12418-1P</u> \$4,257.05	<u>12418-1P</u> \$4,257.05	<u>12306-1P</u> \$4,037.34	<u>12306-1P</u> \$4,037.34	<u>11719-1P</u> \$4,258.72	<u>11720-1P</u> \$4,258.72	<u>14708-1P</u> \$4,971.37

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Horizontal Trim (Straight Through) - Galvanized (IPG V245)

Loose Trim <i>(incl. accessory pkg-09316)</i>	<u>12419-1</u> \$3,833.53	<u>12419-1</u> \$3,833.53	<u>12307-1</u> \$3,613.83	<u>12307-1</u> \$3,613.83	<u>11941-1</u> \$3,835.25	<u>11942-1</u> \$3,835.25	<u>14707-1</u> \$4,545.92
Modular Trim <i>(incl. accessory pkg-09316)</i>	<u>12419-1P</u> \$4,224.93	<u>12419-1P</u> \$4,224.93	<u>12307-1P</u> P.O.A.	<u>12307-1P</u> P.O.A.	<u>11941-1P</u> \$4,258.72	<u>11942-1P</u> \$4,258.72	<u>14707-1P</u> \$4,971.37

1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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Releasing Devices (IPG V240)

Solenoid Valve	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64	<u>11601</u> \$1,345.64
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Releasing Trim - Galvanized (IPG V238)

Loose Trim <i>(releasing device not incl.)</i>	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24	<u>10830</u> \$140.24
Modular Trim <i>(releasing device not incl.)</i>	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38	<u>10830P</u> \$605.38
Loose Trim - DOMESTIC <i>(releasing device not incl.)</i>	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96	<u>10830USA</u> \$186.96

Trim packages include flow control accessory package listed below (p/n 10685) - see package detail below

Flow Control System - Special Valves and Trim

Halar® Coated Flow Control Valves (Model J-2 / Model H-2)

IPG V244	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
Thread X Thread	N/A	N/A	<u>12406Q/B</u> \$10,504.32	N/A	N/A	N/A	N/A
Flange X Flange	N/A	N/A	N/A	<u>12017Q/B</u> \$10,504.32	<u>11977Q/B</u> \$13,028.29	<u>11979Q/B</u> \$17,352.18	<u>11994Q/B</u> \$34,335.36
Flange X Groove	N/A	N/A	N/A	<u>12021Q/B</u> \$10,504.32	<u>11976Q/B</u> \$13,028.29	<u>11978Q/B</u> \$17,352.18	N/A
Groove X Groove	<u>12131Q/B</u> \$8,237.62	<u>12062Q/B</u> \$8,259.95	<u>12408Q/B</u> \$10,504.32	<u>12025Q/B</u> \$10,504.32	<u>11517Q/B</u> \$13,028.29	<u>11528Q/B</u> \$17,352.18	<u>11119Q/B</u> \$33,437.67

BRASS TRIMS - Flow Control

Straight Through Valves - VERTICAL

IPG V246	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
<u>Loose Trim</u> (incl. accessory pkg-09316)	<u>12418-2</u> ##	<u>12418-2</u> ##	<u>12306-2</u> ##	<u>12306-2</u> ##	<u>11719-2</u> ##	<u>11720-2</u> ##	<u>14708-2</u> ##
<u>Modular Trim</u> (incl. accessory pkg-09316)	<u>12418-2P</u> ##	<u>12418-2P</u> ##	<u>12306-2P</u> ##	<u>12306-2P</u> ##	<u>11719-2P</u> ##	<u>11720-2P</u> ##	<u>14708-2P</u> ##

Straight Through Valves - HORIZONTAL

IPG V246	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
<u>Loose Trim</u> (incl. accessory pkg-09316)	<u>12419-2</u> ##	<u>12419-2</u> ##	<u>12307-2</u> ##	<u>12307-2</u> ##	<u>11941-2</u> ##	<u>11942-2</u> ##	<u>14707-2</u> ##
<u>Modular Trim</u> (incl. accessory pkg-09316)	<u>12419-2P</u> P.O.A.	<u>12419-2P</u> P.O.A.	<u>12307-2P</u> P.O.A.	<u>12307-2P</u> P.O.A.	<u>11941-2P</u> ##	<u>11942-2P</u> ##	<u>14707-2P</u> ##

BRASS - Releasing Trims

IPG V239					<u>DOMESTIC*</u>
	Pneumatic	Electric Pneumatic	Electric	Pneumatic Pneumatic	Electric
<u>Loose Trim</u> (releasing device not incl.)	<u>10811</u> \$370.11	<u>12661-2</u> \$308.95	<u>10832</u> \$416.45	<u>12662-2</u> \$1,971.20	<u>10832USA</u> \$555.26
<u>Modular Trim</u> (releasing device not incl.)	<u>10811P</u> \$809.80	<u>126612P</u> P.O.A.	<u>10832P</u> P.O.A.	<u>126622P</u> P.O.A.	<u>10832USA-P</u> P.O.A.

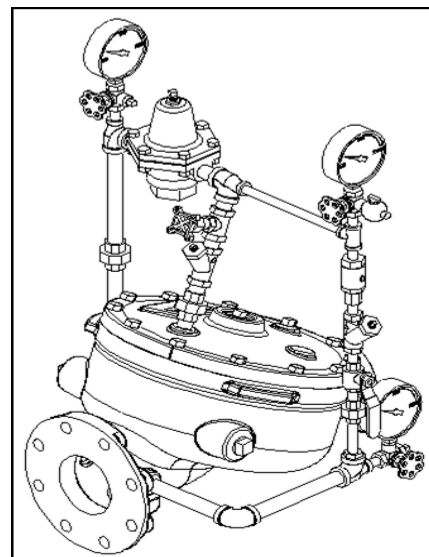
Flow Control Valve Accessory Package		IPG V226
(INCLUDED WITH TRIM)		
(all sizes)	10685	\$3,102.90
corrosion resistant	09743	\$4,327.71
Includes:		
- 1/8" Restricted Orifice		
- Emergency Release		
- Drip Check		
- 1/4" / 8mm Check Valve		
- 1/4" / 8mm Strainer		
- Drain Cup		
- 1/2" Ball Valve		
- Drain Check		

TrimPac® - Air Line Trim		IPG V234
<i>(not for use with Deluge TrimPac System)</i>		
Tank Mounted	13770	\$2,470.23
Tankless	13771	\$870.94
TrimPac® - Replacement Hose		IPG V234
<u>PVC drain hose</u>	12071	\$196.74
TrimPac® - Riser Mounting Kit		IPG V234
<i>(use when mounting TrimPac unit to riser)</i>		
Vertical	11900	\$1,366.22
Horizontal	11901	\$1,878.64

Pilot Operated Pressure Control Valves

DESCRIPTION	Nominal Size	Part No.	List Price	DESCRIPTION	Nominal Size	Part No.	List Price
Pilot Operated Pressure Control Valves	Use with Straight Through Valves			Pilot Operated Pressure Control Valves	Use with Straight Through Valves		
Includes trim UL Listed/FM Approved				Halar® Coated (includes trim) UL Listed/FM Approved			
Model B-1				Model B-3			
Vertical	Galvanized			Vertical	Brass		
Threaded	2" / DN50	12793	\$6,749	Flange/Flange	4" / DN100	13540	\$47,365
Flange/Flange	4" / DN100	12802	\$15,256		6" / DN150	13543	\$60,745
	6" / DN150	12805	\$19,614		8" / DN200	13545	\$75,765
	8" / DN200	12807	\$24,606	Flange/Groove	4" / DN100	13539	\$47,270
Flange/Groove	4" / DN100	12801	\$15,224		6" / DN150	13542	\$60,155
	6" / DN150	12804	\$19,420	Groove/Groove	1½" / DN40	13532	\$20,224
Groove/Groove	1½" / DN40	12792	\$6,663		2" / DN50	13533	\$20,483
	2" / DN50	12794	\$6,749		4" / DN100	13538	\$48,737
					6" / DN150	13541	\$59,796
					8" / DN200	13544	\$72,450
IPG V238	4" / DN100	12800	\$9,797	IPG V239			
	6" / DN150	12803	\$19,302	Flange/Flange	Horizontal	Brass	
	8" / DN200	12806	\$23,517		4" / DN100	13526	\$28,497
Threaded	Galvanized				6" / DN150	13529	\$60,903
	1½" / DN40	12774	\$6,650		8" / DN200	13531	\$76,148
	2" / DN50	12776	\$6,735	Flange/Groove	4" / DN100	13525	\$28,402
Flange/Flange	4" / DN100	12785	\$8,841		6" / DN150	13528	\$60,313
	6" / DN150	12788	\$19,618	Groove/Groove	1½" / DN40	13518	\$20,265
	8" / DN200	12790	\$24,611		2" / DN50	13519	\$20,525
Flange/Groove	4" / DN100	12784	\$9,337		4" / DN100	13524	\$29,870
	6" / DN150	12787	\$19,424		6" / DN150	13527	\$59,954
Groove/Groove	1½" / DN40	12775	\$6,650		8" / DN200	13530	\$72,833
	2" / DN50	12777	\$6,735	IPG V239			
	4" / DN100	12783	\$9,820				
	6" / DN150	12786	\$19,306				
	8" / DN200	12789	\$23,522				
IPG V238							

**Model B-1 - Horizontal
Flange/Flange**





PRESSURE REGULATION - FLOW CONTROL TRIMS

To order a complete pressure regulation system, first order a deluge or flow control valve, then the appropriate pressure regulation trim listed below, and finally your desired releasing device and trim.

	VERTICAL TRIMS						
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Vertical/Galvanized Trim (IPG V238/V245)							
Loose Trim	14768-1 \$8,668.11	14768-1 \$8,668.11	14769-1 \$8,757.75	26551-1 \$8,757.79	26552-1 \$9,160.28	26553-1 \$9,266.42	26554-1 \$10,045.97
Modular Trim	14768-1P \$9,095.70	14768-1P \$9,095.70	14769-1P \$9,185.34				
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Vertical/Brass Trim (IPG V239/V245)							
Loose Trim	14768-2 \$10,585.23	14768-2 \$10,585.23	14769-2 \$10,901.97	26551-2 \$11,677.02	26552-2 \$12,213.72	26553-2 \$12,355.22	26554-2 \$13,394.60
Modular Trim	14768-2P \$11,025.02	14768-2P \$11,025.02	14769-2P \$11,297.02				
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Vertical/Stainless Steel Trim (IPG V245)							
Loose Trim				26551-3 \$15,569.35	26552-3 \$16,284.94	26553-3 \$16,473.61	26554-3 \$17,859.44
	HORIZONTAL TRIMS						
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Horizontal/Galvanized Trim (IPG V238/V245)							
Loose Trim	14773-1 \$8,668.11	14773-1 \$8,668.11	14774-1 \$8,757.70	26520-1 \$8,757.79	26521-1 \$9,160.28	26522-1 \$9,266.42	26523-1 \$10,045.97
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Horizontal/Brass Trim (IPG V239/V245)							
Loose Trim	14773-2 \$10,585.23	14773-2 \$10,585.23	14774-2 \$10,901.97	26520-2 \$11,677.02	26521-2 \$12,213.72	26522-2 \$12,355.22	26523-2 \$13,394.60
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
For Straight Through Valves - Horizontal/Stainless Steel Trim (IPG V245)							
Loose Trim				26520-3 \$15,569.35	26521-3 \$16,284.94	26522-3 \$16,473.61	26523-3 \$17,859.44

PRESSURE REGULATION - DELUGE/PREACTION TRIMS

To order a complete pressure regulation system, first order a deluge or flow control valve, then the appropriate pressure regulation trim listed below, and finally your desired releasing device and trim.

	VERTICAL TRIMS						
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"

For Straight Through Valves - Vertical/Galvanized Trim (IPG V250)

Loose Trim	<u>14746-1</u> \$7,335.63	<u>14746-1</u> \$7,335.63	<u>14747-1</u> \$7,411.47	<u>14747-1</u> \$7,411.47	<u>14748-1</u> \$7,752.17	<u>14749-1</u> \$7,739.47	<u>14713-1</u> \$7,750.42
Modular Trim	<u>14746-1P</u> \$7,816.13	<u>14746-1P</u> \$7,816.13	<u>14747-1P</u> \$7,893.18	<u>14747-1P</u> \$7,893.18	<u>14748-1P</u> \$8,239.12	<u>14749-1P</u> \$8,547.22	<u>14713-1P</u> \$8,558.77

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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For Straight Through Valves - Vertical/Brass Trim (IPG V237)

Loose Trim	<u>14746-2</u> \$9,186.91	<u>14746-2</u> \$9,186.91	<u>14747-2</u> \$9,461.80	<u>14747-2</u> \$9,461.80	<u>14748-2</u> \$10,142.52	<u>14749-2</u> \$10,091.95	<u>14713-2</u> \$10,091.12
Modular Trim	<u>14746-2P</u> \$9,568.60	<u>14746-2P</u> \$9,568.60	<u>14747-2P</u> \$9,843.51	<u>14747-2P</u> \$9,843.51	<u>14748-2P</u> \$10,524.20	<u>14749-2P</u> P.O.A.	<u>14713-2P</u> P.O.A.

	HORIZONTAL TRIMS						
	1-1/2"	2"	2-1/2"	3"	4"	6"	8"

For Straight Through Valves - Horizontal/Galvanized Trim (IPG V36)

Loose Trim	<u>14750-1</u> \$7,319.17	<u>14750-1</u> \$7,319.17	<u>14751-1</u> \$7,406.64	<u>14751-1</u> \$7,406.64	<u>14752-1</u> \$7,692.77	<u>14753-1</u> \$7,633.62	<u>14714-1</u> \$7,729.93
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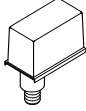

	1-1/2"	2"	2-1/2"	3"	4"	6"	8"
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For Straight Through Valves - Horizontal/Brass Trim (IPG V237)

Loose Trim	<u>14750-2</u> \$9,190.46	<u>14750-2</u> \$9,190.46	<u>14751-2</u> \$9,290.87	<u>14751-2</u> \$9,290.87	<u>14752-2</u> \$9,857.50	<u>14753-2</u> \$9,705.08	<u>14714-2</u> \$9,973.28
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Alarm Devices

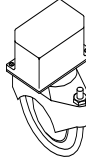
Alarm Pressure Switch - SR020

<p><u>Adjustable Range (4-20 psi)</u></p> <p>1/2" / DN50</p> <p>Single SPDT PS101A \$269.05</p> <p>Dual SPDT PS102A \$324.36</p> <p><i>* Manufactured by Potter</i></p> 	<p><u>Explosion Proof</u></p> <p>Dual SPDT PS10-EX \$1,894.79</p> <p>Dual SPDT PS40EX \$1,894.79</p> <p><i>* Cenelec approved</i></p> <p><u>Pressure Adj Access Key</u></p> <p>10600 \$38.42</p> <p><u>Cover Removal Key</u></p> <p>10601 \$38.42</p> 
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
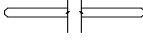
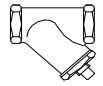

Pressure Supervisory Switch (Air, Nitrogen, Water) - IPG SR020

<p><u>Adjustable Range (10-175 psi)</u></p> <p>1/2" / DN50</p> <p>Single SPDT PS401A \$269.05</p> <p>Dual SPDT PS402A \$324.36</p> <p><i>* Manufactured by Potter</i></p>  <p><u>Cover Tamper Switch Kit</u></p> <p>09601 \$196.51</p>	<p><u>Explosion Proof</u></p>  <p><u>Pressure Adj Access Key</u></p> <p>10600 \$38.42</p> <p><u>Cover Removal Key</u></p> <p>10601 \$38.42</p>
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Flow Switch - SR010

<p><u>Waterflow Indicators</u> (adjustable retard up to 120 sec. - 2 SPDT contacts)</p> <p><u>Model VSR</u></p> <table border="0"> <tr> <td>1-2" / DN40</td> <td>VSRF0100</td> <td>\$390.46</td> <td>4" / DN100</td> <td>VSRF0400</td> <td>\$422.48</td> </tr> <tr> <td>2" / DN50</td> <td>VSRF0200</td> <td>\$422.48</td> <td>5" / DN125</td> <td>VSRF0500</td> <td>\$422.48</td> </tr> <tr> <td>2½" / DN65</td> <td>VSRF0250</td> <td>\$422.48</td> <td>6" / DN150</td> <td>VSRF0600</td> <td>\$422.48</td> </tr> <tr> <td>3" / DN80</td> <td>VSRF0300</td> <td>\$422.48</td> <td>8" / DN200</td> <td>VSRF0800</td> <td>\$473.72</td> </tr> <tr> <td>3½" / DN90</td> <td>VSRF0350</td> <td>\$422.48</td> <td></td> <td></td> <td></td> </tr> </table>		1-2" / DN40	VSRF0100	\$390.46	4" / DN100	VSRF0400	\$422.48	2" / DN50	VSRF0200	\$422.48	5" / DN125	VSRF0500	\$422.48	2½" / DN65	VSRF0250	\$422.48	6" / DN150	VSRF0600	\$422.48	3" / DN80	VSRF0300	\$422.48	8" / DN200	VSRF0800	\$473.72	3½" / DN90	VSRF0350	\$422.48				
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Water Motor Alarm and Accessories - IPG V226

<p><u>Water Motor Alarm</u></p>  <p><u>Model F-2</u></p> <p>07862 \$873.25</p>	<p><u>Closure Plate</u></p>  <p>05820B \$178.23</p>
<p><u>Adjustable Shaft</u></p> <p>(wall thickness up to 30-1/4 in / 768 mm)</p>  <p>03312B \$171.00</p>	<p><u>Alarm Line Y Strainer</u></p>  <p>3/4" (DN20)</p> <p>01489A \$260.03</p>
<p><u>Extension Cup</u></p>  <p>05957B \$142.59</p>	

Pilot Pressure Regulating Accessories

<p><u>Speed Control Assembly</u></p> <p>use with conventional trim</p>  <p>Galvanized 08780 \$2,219.48</p> <p>Stainless Steel 11192 \$13,060.54</p> <p>Brass 11181 \$2,615.07</p>	<p><u>Pilot Pressure Regulator</u></p> <p>1/2" F/F 26525 \$1,941.15</p> <p>(Watts) IPG V249</p>	<p><u>Speed Control Valve</u></p> <p>08313 \$577.49</p>
		<p><u>Y Strainer</u></p> <p>1/2" 01054A \$172.47</p>

* Appropriate hex keys included with switches.