



211 Series Water Valves (Noryl)

GC Valves 211 Series water valves are an excellent choice for potable water applications. They are available with either 316L stainless steel or Noryl bodies. Ported in 3/8, 1/2 or 3/4 inch NPT. Solenoid voltages of 120 VAC, 24 VAC or 24 VDC are available.



NS211YF02FPDGG4
Valve Shown

Features

- 2-Ports (2-way), 2-position
- Normally closed (N.C.) configuration
- Piloted diaphragm operator
- 18mm (DIN 43650A) style wiring plug
- 3/8", 1/2" or 3/4" NPT ports
- 120VAC, 24VAC or 24VDC solenoids
- Made in the USA



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Certified to
NSF/ANSI 61



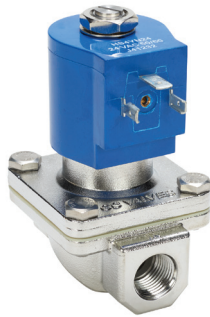
**Made
in the
USA**

211 Series Water Valves									
Model	NS211YF02FPCG4	NS211YF02FPDGG4	NS211YF02FPEG5	NS211YF24FPCG4	NS211YF24FPDGG4	NS211YF24FPEG5	NS211YF16FPCG4	NS211YF16FPDGG4	NS211YF16FPEG5
Price	\$87.00	\$87.00	\$90.00	\$87.00	\$87.00	\$90.00	\$87.00	\$87.00	\$90.00
Weight (lbs)	0.9	0.9	1.0	0.9	0.9	1.0	0.9	0.9	1.0
Valve Type	2-Ports (2-way), 2-position								
Acting	Pilot diaphragm, normally closed								
Port Size	3/8" FNPT	1/2" FNPT	3/4" FNPT	3/8" FNPT	1/2" FNPT	3/4" FNPT	3/8" FNPT	1/2" FNPT	3/4" FNPT
Orifice Size	5/8"	5/8"	3/4"	5/8"	5/8"	3/4"	5/8"	5/8"	3/4"
Cv	4.3	4.3	6.7	4.3	4.3	6.7	4.3	4.3	6.7
Media	Water								
Pressure Range	4-150 psi	4-150 psi	4-150 psi	4-150 psi	4-150 psi	4-150 psi	4-100 psi	4-100 psi	4-100 psi
Voltage (± 10%)	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	24VAC 50/60 Hz	24VAC 50/60 Hz	24VAC 50/60 Hz	24VDC	24VDC	24VDC
Inrush AC	40VA						-		
Power Consumption	8W	8W	8W	8W	8W	8W	10W	10W	10W
Max Freq	Cannot be used in PWM (pulse width modulation) applications								
Insulation	Class N (200°C - 392°F)								
Min Response	25-100 ms						38-150 ms		
Temperature	32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp. 295°F (146.1°C)								
Lubrication	Not required								
Protection	NEMA 4/4X Encapsulated								
Connection	18mm (DIN 43650A) terminal								
Construction	Noryl plastic body; Santoprene/NSF Approved EPDM seals; Stainless Steel orifice								
Life Cycle	1 Million								
Agency Approvals	NSF/ANSI - 61-G/NSF-372, CE, CSA, UL Recognized								

* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



211 Series Water Valves (Stainless Steel)



**NS211YF24F7CG4
Valve Shown**

GC Valves 211 Series water valves are an excellent choice for potable water applications. They are available with either 316L stainless steel or Noryl bodies. Ported in 3/8, 1/2 or 3/4 inch NPT. Solenoid voltages of 120 VAC, 24 VAC or 24 VDC are available.

Features

- 2-Ports (2-way), 2-position
- Normally closed (N.C.) configuration
- Piloted diaphragm operator
- 18mm (DIN 43650A) style wiring plug
- 3/8", 1/2" or 3/4" NPT ports
- 120VAC, 24VAC or 24VDC solenoids
- Made in the USA



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in the
USA**

211 Series Water Valves									
Model	NS211YF02F7CG4	NS211YF02F7DG4	NS211YF02F7EG5	NS211YF24F7CG4	NS211YF24F7DG4	NS211YF24F7EG5	NS211YF16F7CG4	NS211YF16F7DG4	NS211YF16F7EG5
Price	\$286.00	\$286.00	\$295.00	\$286.00	\$286.00	\$295.00	\$286.00	\$286.00	\$295.00
Weight (lbs)	1.8	1.8	1.9	1.8	1.8	1.9	1.8	1.8	1.9
Valve Type	2-ports (2-way), 2-position								
Acting	Pilot diaphragm, normally closed								
Port Size	3/8" FNPT	1/2" FNPT	3/4" FNPT	3/8" FNPT	1/2" FNPT	3/4" FNPT	3/8" FNPT	1/2" FNPT	3/4" FNPT
Orifice Size	5/8"	5/8"	3/4"	5/8"	5/8"	3/4"	5/8"	5/8"	3/4"
Cv	4.3	4.3	6.7	4.3	4.3	6.7	4.3	4.3	6.7
Media	Water								
Pressure Range	4-150 psi	4-150 psi	4-150 psi	4-150 psi	4-150 psi	4-150 psi	4-100 psi	4-100 psi	4-100 psi
Voltage (± 10%)	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	24VAC 50/60 Hz	24VAC 50/60 Hz	24VAC 50/60 Hz	24VDC	24VDC	24VDC
Inrush AC	40VA						-		
Power Consumption	8W	8W	8W	8W	8W	8W	10W	10W	10W
Max Freq	Cannot be used in PWM (pulse width modulation) applications								
Insulation	Class N (200°C - 392°F)								
Min Response	25-100 ms						38-150 ms		
Temperature	32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp. 295°F (146.1°C)								
Lubrication	Not required								
Protection	NEMA 4/4X Encapsulated								
Connection	18mm (DIN 43650A) terminal								
Construction	316 Stainless Steel body; Santoprene/NSF Approved EPDM seals; Stainless Steel orifice								
Life Cycle	1 Million								
Agency Approvals	NSF/ANSI - 61-G/NSF-372, CE, CSA, UL Recognized								

* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

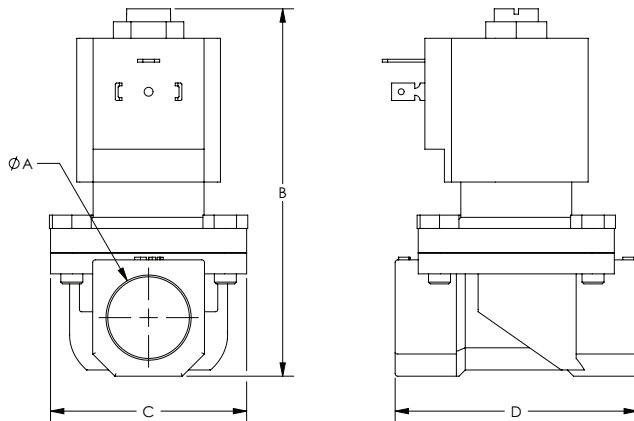


211 Series Water Valves

Dimensions

inches [mm]

211 Series Water Valve Dimensions				
Part No.	A	B	C	D
NS211YF02FPCG4	3/8 NPT	3.63 [92.2]	2.35 [59.7]	2.71 [68.8]
NS211YF02FPDG4	1/2 NPT	3.63 [92.2]	2.35 [59.7]	2.71 [68.8]
NS211YF02FPEG5	3/4 NPT	3.91 [99.3]	2.35 [59.7]	2.73 [69.3]
NS211YF24FPCG4	3/8 NPT	3.63 [92.2]	2.35 [59.7]	2.71 [68.8]
NS211YF24FPDG4	1/2 NPT	3.63 [92.2]	2.35 [59.7]	2.71 [68.8]
NS211YF24FPEG5	3/4 NPT	3.91 [99.3]	2.35 [59.7]	2.73 [69.3]
NS211YF16FPCG4	3/8 NPT	4.04 [102.6]	2.35 [59.7]	2.71 [68.8]
NS211YF16FPDG4	1/2 NPT	4.04 [102.6]	2.35 [59.7]	2.71 [68.8]
NS211YF16FPEG5	3/4 NPT	4.32 [109.7]	2.35 [59.7]	2.73 [69.3]
NS211YF02F7CG4	3/8 NPT	3.63 [92.2]	2.21 [56.1]	2.76 [70.1]
NS211YF02F7DG4	1/2 NPT	3.63 [92.2]	2.21 [56.1]	2.76 [70.1]
NS211YF02F7EG5	3/4 NPT	3.84 [97.5]	2.21 [56.1]	2.73 [69.3]
NS211YF24F7CG4	3/8 NPT	3.63 [92.2]	2.21 [56.1]	2.76 [70.1]
NS211YF24F7DG4	1/2 NPT	3.63 [92.2]	2.21 [56.1]	2.76 [70.1]
NS211YF24F7EG5	3/4 NPT	3.84 [97.5]	2.21 [56.1]	2.73 [69.3]
NS211YF16F7CG4	3/8 NPT	4.04 [102.6]	2.21 [56.1]	2.76 [70.1]
NS211YF16F7DG4	1/2 NPT	4.04 [102.6]	2.21 [56.1]	2.76 [70.1]
NS211YF16F7EG5	3/4 NPT	4.25 [108.0]	2.21 [56.1]	2.73 [69.3]



See our website www.AutomationDirect.com for complete Engineering drawings.








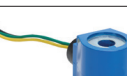




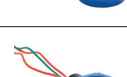



211 Series Water Valve Accessories

201 Series Water Valve Accessories				
Kit Photo	Part No.	Description	Price	Weight (lbs)
	KS211AF02G4-NSF	GC Valves rebuild kit, for use with NS211 series AC valves ending CG4 and DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body o-ring and operator o-ring.	\$58.00	0.3
	KS211AF15G4-NSF	GC Valves rebuild kit, for use with NS211 series DC valves ending CG4 and DG4, includes diaphragm assembly, plunger-seat disc-spring assembly, plunger tube, body o-ring and operator o-ring.	\$58.00	0.3
	K211G4-NSF	GC Valves repair kit, for use with NS211 series AC valves ending CG4 and DG4, includes diaphragm assembly, seat disc, body o-ring and operator o-ring.	\$16.00	0.2
	K211G415-NSF	GC Valves repair kit, for use with NS211 series DC valves ending CG4 and DG4, includes diaphragm assembly, seat disc, body o-ring and operator o-ring.	\$16.00	0.2
	KS211AF02G5-NSF	GC Valves rebuild kit, for use with NS211 series AC valves ending EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body o-ring and operator o-ring.	\$59.00	0.3
	KS211AF15G5-NSF	GC Valves rebuild kit, for use with NS211 series DC valves ending EG5, includes diaphragm assembly, plunger-seat disc-spring assembly, plunger tube, body o-ring and operator o-ring.	\$59.00	0.3
	K211G5-NSF	GC Valves repair kit, for use with NS211 series AC valves ending EG5, includes diaphragm assembly, seat disc, body o-ring and operator o-ring.	\$17.00	0.2
	K211G515-NSF	GC Valves repair kit, for use with NS211 series DC valves ending EG5, includes diaphragm assembly, seat disc, body o-ring and operator o-ring.	\$17.00	0.2



Water Valve Accessories - Replacement Coils

Water Valve Accessory Coils									
Coil Photo	Part No.	Voltage Rating	Power Rating	Insulation	Connection	Cable Length	Fits Valve Series	Price	Weight (lbs)
	HS4YN02	120VAC	10W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS201 and NS301 valves	\$33.00	0.6
	HS4YN04	240VAC	10W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS201 and NS301 valves	\$33.00	0.6
	HS4YN24	24VAC	10W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS201 and NS301 valves	\$33.00	0.6
	HS4YN16	24VDC	10W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS201, NS211 DC and NS301 valves	\$33.00	0.6
	HS4GN02A24	120VAC	10W	Class N (200°C - 392°F)	1/2 in conduit	24.0 in	NS201 and NS301 valves	\$33.00	0.6
	HS4GN04A24	240VAC	10W	Class N (200°C - 392°F)	1/2 in conduit	24.0 in	NS201 and NS301 valves	\$33.00	0.6
	HS4GN24A24	24VAC	10W	Class N (200°C - 392°F)	1/2 in conduit	24.0 in	NS201 and NS301 valves	\$33.00	0.6
	HS4GN16A24	24VDC	10W	Class N (200°C - 392°F)	1/2 in conduit	24.0 in	NS201, NS211 DC and NS301 valves	\$33.00	0.6
	HS3YN02	120VAC	8W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS211 AC valves	\$27.00	0.5
	HS3YN04	240VAC	8W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS211 AC valves	\$27.00	0.5
	HS3YN24	24VAC	8W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS211 AC valves	\$27.00	0.5
	HS3GN02A24	120VAC	8W	Class N (200°C - 392°F)	1/2 in conduit	24.0 in	NS211 AC valves	\$27.00	0.5
	HS3GN04A24	240VAC	8W	Class N (200°C - 392°F)	1/2 in conduit	24.0 in	NS211 AC valves	\$27.00	0.5
	HS3GN24A24	24VAC	8W	Class N (200°C - 392°F)	1/2 in conduit	24.0 in	NS211 AC valves	\$27.00	0.5