



Features

- 120VAC, 24VAC or 24VDC powered
- Normally closed, powered open
- Durable lead free brass body
- Two-way inlet and outlet ports
- EPDM sealing material
- Nema 4 rating
- 1/2" - 2" sizes available
- NSF 61 & UL listed

Sizes Available

Valve Size " (Inch) NPT	24VAC	24VDC	120VAC
1/2"	BENY2-12	BENY3-12	BENY1-12
3/4"	BENY2-34	BENY3-34	BENY1-34
1"	BENY2-1	BENY3-1	BENY1-1
1+1/4"	BENY2-114	BENY3-114	BENY1-114
1+1/2"	BENY2-112	BENY3-112	BENY1-112
2"	BENY2-2	BENY3-2	BENY1-2

Electrical Specifications

Voltage	120VAC / 24VAC	Voltage	24VDC
Frequency Hz	50/60	Frequency Hz	DC
Power (VA)	20	Power (VA)	17 W
Coil Type	D	Coil Type	D
Coil Class	F	Coil Class	F
Rating	Nema 4	Rating	Nema 4

Materials of Construction

Body	Lead Free Brass
Armature Tube	Stainless Steel 300
Fixed Core	Stainless Steel 400
Plunger	Stainless Steel 400
Spring	Stainless Steel 300
Shading Ring	Cooper
Orifice	Lead Free Brass

Technical Specifications:

120VAC Models

Pipe Size (Inch)	Orifice (Inch)	Flow Factor (CV)	Pressure (PSI)	Temp. Range	Voltage	VA Rating	External Dimensions Length x Width x Height (Inches)	Model	Connector Supplied	Medium Examples	Sealing Material
1/2"	1/2"	4.5	0.5-230	32-266°F	120VAC	20	2.59 x 1.89 x 4.21	BENY1-12	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-230	32-266°F	120VAC	20	2.95 x 2.28 x 4.40	BENY1-34	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-230	32-266°F	120VAC	20	3.78 x 2.76 x 5.16	BENY1-1	Wire Connector	Potable Water	EPDM
1 1/4"	1 1/4"	22	0.5-230	32-266°F	120VAC	20	5.16 x 3.78 x 5.75	BENY1-114	Wire Connector	Potable Water	EPDM
1 1/2"	1 1/2"	30	0.5-230	32-266°F	120VAC	20	5.16 x 3.78 x 5.75	BENY1-112	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-230	32-266°F	120VAC	20	6.50 x 4.72 x 6.57	BENY1-2	Wire Connector	Potable Water	EPDM

24VAC Models

Pipe Size (Inch)	Orifice (Inch)	Flow Factor (CV)	Pressure (PSI)	Temp. Range	Voltage	VA Rating	External Dimensions Length x Width x Height (Inches)	Model	Connector Supplied	Medium Examples	Sealing Material
1/2"	1/2"	4.5	0.5-190	32-266°F	24VAC	20	2.59 x 1.89 x 4.21	BENY2-12	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VAC	20	2.95 x 2.28 x 4.40	BENY2-34	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	24VAC	20	3.78 x 2.76 x 5.16	BENY2-1	Wire Connector	Potable Water	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VAC	20	5.16 x 3.78 x 5.75	BENY2-114	Wire Connector	Potable Water	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VAC	20	5.16 x 3.78 x 5.75	BENY2-112	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	24VAC	20	6.50 x 4.72 x 6.57	BENY2-2	Wire Connector	Potable Water	EPDM

24VDC Models

Pipe Size (Inch)	Orifice (Inch)	Flow Factor (CV)	Pressure (PSI)	Temp. Range	Voltage	(W) Rating	External Dimensions Length x Width x Height (Inches)	Model	Connector Supplied	Medium Examples	Sealing Material
1/2"	1/2"	4.5	0.5-190	32-266°F	24VDC	17	2.59 x 1.89 x 4.21	BENY3-12	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VDC	17	2.95 x 2.28 x 4.40	BENY3-34	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	24VDC	17	3.78 x 2.76 x 5.16	BENY3-1	Wire Connector	Potable Water	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VDC	17	5.16 x 3.78 x 5.75	BENY3-114	Wire Connector	Potable Water	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VDC	17	5.16 x 3.78 x 5.75	BENY3-112	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	24VDC	17	6.50 x 4.72 x 6.57	BENY3-2	Wire Connector	Potable Water	EPDM