

Series 31AU

3-way, direct acting, universal solenoid valve

1/8"-1/4"

Pipe Sizes

8W

Coil

0-260 psi

Operating Pressure



Materials of Construction

Body:	Brass
Armature Tube:	Stainless Steel 300
Fixed Core:	Stainless Steel 400
Plunger:	Stainless Steel 400
Spring:	Stainless Steel 300
Shading Ring:	Copper

Electrical Connection

Rating:	NEMA 4
Strain Relief Connector:	Model 009
1/2" Conduit Connector:	Model 010
6 ft. Power Cord:	Model GRN100



Note: For more detailed specifications, please refer to the datasheet of any individual solenoid valve model within this series.

FKM Sealing Material	14°- 280° F Temperature Range	Air, Inert gas, Water, Synthetic oils Medium Examples
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Series 31AU solenoid valve models, with FKM sealing:

Model #	Pipe Size (Inch)	Orifice Size (Inch)	Exhaust Orifice (Inch)	Flow Factor (CV)	Watt Rating (W)	Min. Pressure (PSI)	Max. Pressure (AC/DC)
31A3AV25U	1/8"	3/32"	3/32"	0.22	8	0	60/60
31A3EV30U	1/8"	1/8"	1/8"	0.28	8	0	50/50
31A3FV15U	1/8"	1/16"	1/16"	0.10	8	0	145/145
31A3GV10U	1/8"	3/64"	3/64"	0.05	8	0	260/260
31A2AV25U	1/4"	3/32"	3/32"	0.22	8	0	60/60
31A2EV30U	1/4"	1/8"	1/8"	0.28	8	0	50/50
31A2FV15U	1/4"	1/16"	1/16"	0.10	8	0	145/145
31A2GV10U	1/4"	3/64"	3/64"	0.05	8	0	260/260

NBR Sealing Material	14°- 195° F Temperature Range	Air, Inert gas, Water Medium Examples
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Series 31AU solenoid valve models, with NBR sealing:

Model #	Pipe Size (Inch)	Orifice Size (Inch)	Exhaust Orifice (Inch)	Flow Factor (CV)	Watt Rating (W)	Min. Pressure (PSI)	Max. Pressure (AC/DC)
31A3AB25U	1/8"	3/32"	3/32"	0.22	8	0	60/60
31A3EB30U	1/8"	1/8"	1/8"	0.28	8	0	50/50
31A3FB15U	1/8"	1/16"	1/16"	0.10	8	0	145/145
31A3GB10U	1/8"	3/64"	3/64"	0.05	8	0	260/260
31A2AB25U	1/4"	3/32"	3/32"	0.22	8	0	60/60
31A2EB30U	1/4"	1/8"	1/8"	0.22	8	0	50/50
31A2FB15U	1/4"	1/16"	1/16"	0.10	8	0	145/145
31A2GB10U	1/4"	3/64"	3/64"	0.05	8	0	260/260