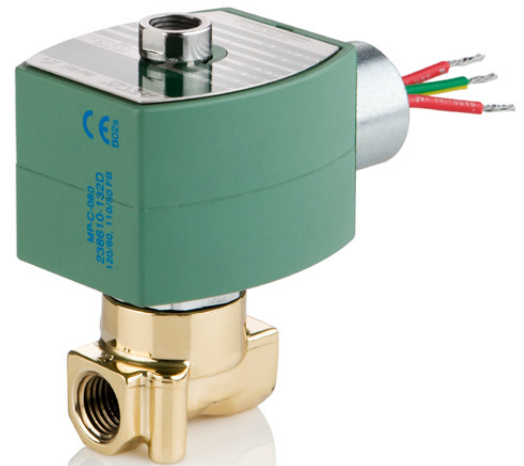# ASCO®
Series 8314
General Purpose Solenoid Valves

Applications

○ **Process valve automation**
○ **Fluid diversion**
○ **Fluid mixing**
○ **Piloting applications**

Features & Benefits

• **Higher Pressure Ratings:** Increased performance on OEM equipment for Air, Inert Gas, and most liquids
- Average AC ratings up to 50% greater than existing valves
- Average DC ratings up to 170% greater than existing valves

• **Product Configurator:** By simply pointing and clicking, customers can navigate through hundreds of coil and elastomer combinations to design a standard product that suites their specific needs
- Only valid constructions can be designed
- Eliminates the time and frustration of designing a valve that can't be built
- Provides real-time pricing and availability
- Online ordering available for ASCO Today products
- Access to 3D CAD models, catalog pages, and drawings

• **Agency Approvals:** UL, CSA, and CE approvals with most coil and elastomer options

• **Increased Ambient Temperature Range:** Valves can now be used in more environments
- Min. ambient temperature of -13℉ (-25℃) standard for air and gas applications[1]
- AC max. ambient temperature of 140℉ (60℃) standard[2]
- DC max. ambient temperature of 131℉ (55℃) standard

• **Easy Installation and Mounting:** 5mm tapped holes on body provide quick and easy mounting to any flat surface
• **Most constructions available as part of the ASCO Today program or 5-Day program to help keep production lines running smoothly**

Specifications

Product Range	Pipe Sizes (in)	Flow (Cv)	Pressure Range (psi) Air / Water / Lt. Oil		Ambient Temp. Range (℉)		
			AC	**DC**		**AC**	**DC**
3-Way	1/8", 1/4"	0.05 to 0.85	0 to 300	0 to 300	**Class F**	-13℉ to 131℉ [2]	-13℉ to 131℉
- Brass					**Class H**	-13℉ to 140℉	-13℉ to 131℉
- Stainless Steel							

[1] -13℉ (-25℃) applies to standard BUNA-N version. Allowable leakage of 3 SCFH. No leakage at -4℉ (-20℃)
[2] Maximum ambient temperature for AC Class F explosionproof (EF & EV) is 125℉ (52℃)

EMERSON
Industrial Automation