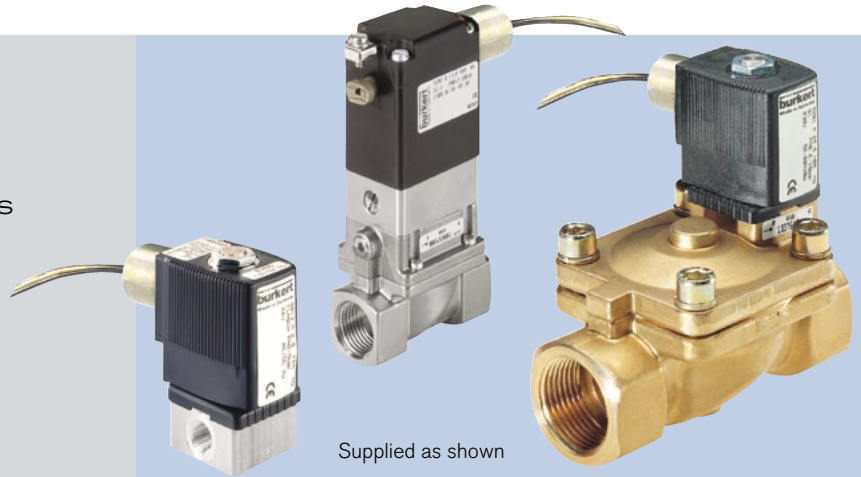


HazEx™ Solenoid Valves for Hazardous Locations

1/8" to 2"

- Valves designed exclusively for demanding Class 1 environments
- Fully Encapsulated Coils
- 1/2" NPT Conduit



Supplied as shown

Bürkert's worldwide certifications allow North American engineers to employ global HazEx™ standards on every project. With certifications for FM, CSA and EEx (ATEX) we can build a valve for your toughest application. Modularity allows us to stock what you need, where you need it.

Add in a perfect range of intrinsically safe valve technology and you have all the control strategies for HazEx™ locations. This page shows only a small example of the complete range.

Technical Data

	6013	5281	5282
Pressure range	0-355 PSI, Max.	2.9-232 PSI, Max.	2.9-145 PSI, Max.
Size range	1/8" and 1/4"	1/2" to 2"	1/2" to 2"
Temperature media	14 °F ... +212 °F	+14 °F ... +176 °F	+32 °F ... +194 °F
Surface temperature	T4 = 135 °C / 275 °F Max. Surface Temperature	T4 = 135 °C / 275 °F Max. Surface Temperature	T4 = 135 °C / 275 °F Max. Surface Temperature
Body material	Brass or Stainless steel	Brass	Stainless steel (Brass available)
Seal material	FKM	NBR	FKM
Power consumption	DC: 8 W	DC: 8 W	DC: 8 W
Protection class	IP65, NEMA4	IP65	IP65
Electrical Connection	Conduit	Conduit	Conduit
Accreditations	FM Class 1, 11, 111; Groups A, B, C, D, E, F and G; Div. 1 CSA Class 1, 11, 111; Groups A, B, C, D, E, F and G; Div. 1	FM Class 1, 11, 111; Groups A, B, C, D, E, F and G; Div. 1 CSA Class 1, 11, 111; Groups A, B, C, D, E, F and G; Div. 1	FM Class 1, 11, 111; Groups A, B, C, D, E, F and G; Div. 1 CSA Class 1, 11, 111; Groups A, B, C, D, E, F and G; Div. 2
Override	Optional	Optional	Manual override as standard

Ordering Charts

6013 HazEx™

Connection	Orifice [mm]	Cv	Material	DC PSI	AC PSI	Item no.	
						24 VDC	120 VAC
1/8"	1.8	0.14	Brass	0-172	0-355	462 272	462 273
1/8"	1.8	0.14	Stainless	0-172	0-355	462 280	462 281
1/4"	1.8	0.14	Brass	0-172	0-355	462 274	462 275
1/4"	1.8	0.14	Stainless	0-172	0-355	462 282	462 283
1/8"	3.0	0.27	Brass	0-87	0-145	462 276	462 277
1/8"	3.0	0.27	Stainless	0-87	0-145	462 284	462 285
1/4"	3.0	0.27	Brass	0-87	0-145	462 278	462 279
1/4"	3.0	0.27	Stainless	0-87	0-145	462 286	462 287

5281 HazEx™, brass, PSI 2.8 - 232

Connection	Orifice [mm]	Cv	Item no.	
			24 VDC	120 VAC
1/2"	13	4.6	462 292	462 293
3/4"	20	5.8	462 294	462 295
1"	25	11.6	462 296	462 297
1-1/4"	32	23.3	462 298	462 299
1-1/2"	40	23.3	462 300	462 301
2"	50	46.6	462 302	462 303

5282 HazEx™, stainless steel, PSI 2.8 - 145

Connection	Orifice [mm]	Cv	Item no.	
			24 VDC	120 VAC
1/2"	20	5.8	462 316	462 317
3/4"	20	5.8	462 318	462 319
1"	25	11.6	462 320	460 644
1-1/4"	32	23.3	462 321	460 645
1-1/2"	40	23.3	459 323	460 646
2"	50	46.6	462 322	462 323

Options

- **6013** - Normally open; Three way (6014)
- **5281** - Normally open (0281B); Brass body
- **5282** - Normally open; Three way (0340)