



High pressure solenoid valves

Features

- Operating pressures to 414 bar (6,000 psi)
- Low power usage, typically <10W
- Typically 28Vdc or 48Vdc nominal operating voltage
- Lightweight, compact designs
- Wide operating temperature range

Ultra Electronics Precision Air Systems offers a range of solenoid actuated valves for the control of high pressure gasses.

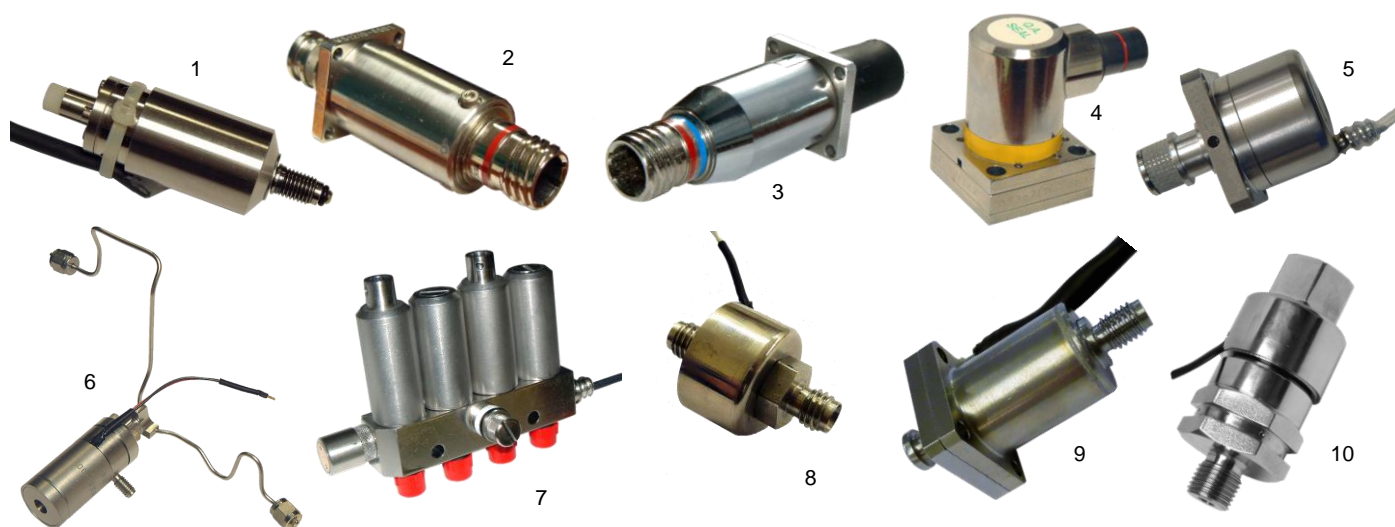
A wide range of solenoid valves are available in standard designs or valves can be designed to suit particular customer requirements.

Valves are designed for a variety of applications and functions. Examples include in-line valves for controlling the flow of gasses, vent-to-atmosphere valves designed for wet gases such as coalescer venting valves, manifold valves for controlling flow from a single source to multiple outlets and fast-acting pilot valves for pneumatic servos used in stores ejection systems.

Benefits

- High density magnetic performance minimises mass and space envelope to ease integration
- Careful magnetic analysis ensures minimum possible power requirements
- High strength corrosion resistant materials
- Avoidance of elastomeric seals gives excellent reliability and storage life
- Over 20 years experience in designing valves for high integrity applications

A range of solenoid actuated valves for high pressure wet or dry gas



Picture No	Part No	Description	Operating Pressure	Operating Temperature (°C)	Voltage (Vdc)	Power (W)	Mass (grams)	Electrical Connection	Wet or Dry gas
1	SV01	Normally closed coaxial	0-414 bar	-40 to +90	18-32	<2	144	Flying leads	Dry
2	SV02	Normally closed, flange mounted	0-414 bar	-51 to +80	18-32	<10	168	Integral D38999	Both
3	SV03	Normally closed, flange mounted	0-414 bar	-51 to +80	18-32	<4	151	Integral D38999	Dry
4	SV04	Normally open, face mounted	0-352 bar	-40 to +90	14-16	<2	146	Integral connector	Both
5	SV08	Normally closed, flange mounted	0-414 bar	-55 to +250	18-49	<5	105	Flying leads	Both
6	SV10	Normally closed, with integral NRV	0-350 bar	-55 to +100	20-35	<5	92	Flying leads	Dry
7	SV16	Normally closed, manifold assembly	0-414 bar	-55 to +150	47-49	<6	590	Flying leads	Dry
8	SV17	Normally closed coaxial	0-414 bar	-40 to +90	18-35	<14	55	Flying leads	Dry
9	SV18	Normally closed coaxial	0-414 bar	-40 to +90	47-49	<5	110	Flying leads	Dry
10	SV19	Normally closed servo	0-414 bar	-55 to +100	18-32	<20	110	Flying leads	Dry

Ultra
ELECTRONICS

Ultra Electronics
PRECISION AIR & LAND SYSTEMS
Anson Business Park
Cheltenham Road East
Gloucester
GL2 9QU
England
Tel: +44 (0)1452 714382
Email: marketing@ultra-pas.com
www.ultra-pas.com
www.ultra-electronics.com

Ultra Electronics reserves the right to vary these specifications without notice.

© Ultra Electronics Limited 2010.
Printed in England
014/072010/1/UJPAS-SJH