

Add additional overpressure protection without sacrificing continuity of gas service



ANDERSON GREENWOOD™ Global leading technology in pilot operated pressure relief valves for city gate, district station and end of line overpressure protection

Designed for Safety

- Anderson Greenwood™ pressure relief valves provide a fail open/safe design
- Independent third party certified capacities for every valve model
- Modulating action available to minimize natural gas vented to the atmosphere
- Remote sense option minimizes potential chattering during events
- Best-in-class seat tightness eliminates fugitive emissions during normal operation
- Material traceability and hydrostatic testing comes standard on key components

DOT (49CFR192.199) and CSA (Z662) Compliant

- Field test connections provide in-line set pressure verification (DOT 192.199 9(b)(c) and DOT 192.739))
- Large capacity valves reduce the size and number of valves required (DOT 192.201(c))
- Sense line failure opens the pressure relief valve reducing pipeline pressure
- Designed to meet ASME Section VIII/ API / EN Standards (DOT 192.145)
- Can be installed in underground pits without performance drawbacks



Pressure relief valves overpressure protection for DOT 192/CSA Z662 applications

Low Pressure Pilot Valves

- 93, 9300 and 9300H Series
- Bubble tight to set pressure
- Field adjustable for snap or modulating action
- Set pressures from 3 in. w.c. to 50 psig
- Temperatures from -320 to 400°F
- The 9300H Series provides in excess of 40% larger flow rates than competition
- 2 to 14 in. inlet sizes



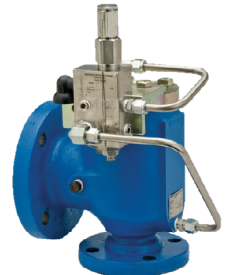
400 Series

- Modulating action pilot achieves full lift by 8% overpressure⁽¹⁾
- High Gain option available (full lift by 5% overpressure⁽¹⁾)
- Minimal blowdown
- Non-flowing pilot
- Set pressures from 15 to 1480 psig
- Temperatures from -65 to 600°F
- 1 to 10 in. inlet sizes



200 Series

- Snap action pilot achieves full lift at set pressure
- Adjustable blowdown
- Non-flowing pilot design
- Set pressures from 25 to 6170 psig
- Temperatures from -425 to 600°F
- 1 to 10 in. inlet sizes



Pressure Relief Valve Monitoring

- Real time valve monitoring
- Event timestamp, duration, calculated flow and leakage
- Available on all Anderson Greenwood™ pilot valves
- Wireless HART® connected for easy integration into existing networks
- Alarm functionality



Product Performance Overview

Model	Pressure Range	Opening Action	Overpressure Required
93 Series	3 in. w.c. to 50 psig	Adjustable	0 to 10%
9300 Series	4 in. w.c. to 50 psig	Adjustable	0 to 10%
9300H Series	4 in. w.c. to 10 psig	Modulating	10%
200 Series	25 to 6170 psig	Snap	0%
400 Series	15 to 1480 psig	Modulating	8% ⁽¹⁾
400 Series High Gain	15 to 1480 psig	Modulating	5% ⁽¹⁾
800 Series	1481 to 6170 psig	Modulating	8%

1. Minimum 2 psi.
HART® is a mark owned by HART Communications Foundation.

Emerson Automation Solutions

Americas

McKinney, Texas 75070 USA
T +1 800 558 5853
T +1 972 548 3574

Stafford, Texas 77477 USA
T +1 281 274 4400

Europe






T +39 051 419 0611

Asia Pacific

T +65 6777 8211

Middle East / Africa

T +971 4811 8100

-  webadmin.regulators@emerson.com
-  Emerson.com
-  [Facebook.com/EmersonAutomationSolutions](https://www.facebook.com/EmersonAutomationSolutions)
-  [Linkedin.com/company/emerson-automation-solutions](https://www.linkedin.com/company/emerson-automation-solutions)
-  [Twitter.com/emr_automation](https://twitter.com/emr_automation)

