



Pressure relief valves

Features

- Operating pressure up to 414 bar (6,000 psi)
- Operating temperature range -40°C to +90°C
- Typical hysteresis <10% of set point
- Miniature, light weight designs typically Ø20mm x 36mm and <40grams

Pressure relief valves are essential in pneumatic system design, not only to ensure personnel safety, but also to protect sensitive equipment from over-pressurisation.

These valves need not have an undesirable effect on system performance. Through careful design, Ultra Electronics Precision Air Systems can offer valves with a low footprint, both in terms of physical size and mass.

Unlike other pressure relief valves, Ultra's designs minimise the amount of gas vented to enable the system to continue to perform its function after the over-pressurisation condition has passed.

Benefits

- Easy integration due to miniature, light weight designs
- Progressive pressure release minimises system gas loss
- High strength, corrosion resistant materials ensures safety and reliability

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