

Reduce your air consumption with a tamper proof pressure regulator

In some compressed air installations, very limited pressure control is employed within the system. This almost certainly results in too much air consumption and causes wastage in terms of energy and costs.

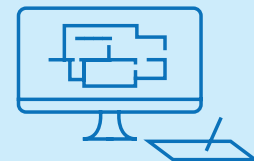


Industry Sector:

GENERAL ENGINEERING

Application:

COMPRESSED AIR SYSTEMS



Pneumatic equipment and applications have optimum operating pressures.

Usage outside of these conditions will shorten equipment life cycles and waste energy.

Problem solvers

Problem:

Most pneumatic applications have an optimum working pressure which can be a lot less than the line pressure of the overall system. It is often the case that systems do not have sufficient means of regulating pressure so that equipment is used at optimum pressure rates. This is bad practice as using pneumatic equipment at a higher pressure than specified can cause excessive wear and damage to components, significantly reducing their life cycle. At the same time production costs can increase due to compressed air and energy wastage.

Another problem occurs when regulators are used but not tamper-proofed. Unprotected regulators can be interfered with and present a risk of uncontrolled pressure changes being introduced to a system. This can result in excessive energy consumption, additional costs of production and even safety risks.

Solution:

Boasting multiple benefits and best in class performance attributes, the **IMI Norgren Excelon® Plus tamper-proof regulator** offers the perfect answer. Designed with safety and tamper-proof options built in, the Excelon® Plus range is suitable for all industrial applications.

Available with a safety padlock feature as standard, the range allows engineers to set the pressure to the optimum levels and lock this in place ensuring that nobody can amend the pressure levels. By doing this, it ensures that equipment downstream can operate at the correct levels and that there are no wasted production costs through increased energy usage.

As well as being 35% lighter and 25% smaller, the range also offers improved maintenance characteristics and when combined with a general purpose filter, a market leading 98% water extraction at 100% flow rate – all of this makes the IMI Norgren Excelon® Plus range a go-to air preparation choice.