DMS METERING SOLUTIONS



CASE STUDY: Gas Pressure Regulation for a Local Authority Facility

Sector: Local Authority
Location: Northern Ireland
Solution Provided: Honeywell J48 Gas Pressure Regulator



Honeywell Technologies

Overview

A local authority in Northern Ireland required a reliable gas pressure regulation solution for one of its commercial facilities.

Public-sector buildings can have substantial gas requirements, particularly where gas is used for central heating, hot water or other building services. Maintaining a stable and controlled gas pressure is essential to ensure downstream equipment operates safely, efficiently and within its required parameters.

DMS supplied a **Honeywell J48 gas pressure regulator**, providing a dependable solution for controlling the gas supply pressure entering the building's downstream system.

Project Requirements

- Reliable regulation of the incoming gas supply
- Stable downstream pressure for connected gas appliances and plant
- A solution suitable for a commercial/public-sector application
- Dependable operation across varying gas demand
- Proven technology suitable for long-term use
- A regulator capable of providing accurate low-pressure control

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DMS Solution

Gas Pressure Regulation – Honeywell J48



DMS supplied a **Honeywell J48 Gas Pressure Regulator** for installation within the facility's gas supply system.

The J48 range is designed specifically for low-pressure commercial and industrial gas applications and works by monitoring system pressure and regulating the gas supply to maintain the required downstream outlet pressure.

This is particularly important in larger commercial buildings, where demand can vary as boilers and other gas-fired equipment cycle on and off throughout the day.

By maintaining a controlled outlet pressure, the regulator helps ensure that downstream equipment receives a consistent gas supply suitable for safe and reliable operation.

The Honeywell J48 also provides full lock-up capability and is available across a wide range of connection sizes and configurations, making it suitable for numerous commercial gas installations.

Results

The installation provided the facility with:

- Reliable control of downstream gas pressure
- A stable supply to connected gas-fired equipment
- Improved control across varying levels of demand
- A robust regulator designed for commercial applications
- Proven Honeywell gas-control technology
- A dependable long-term solution for the building's gas infrastructure

By selecting the correct pressure regulator for the application, the local authority was able to ensure that the building's gas system could continue to operate with the controlled and consistent pressure required by its downstream equipment.

Why DMS?

With over 25 years of experience in gas metering and pressure control, DMS supplies Gas Regulators, Meters and associated equipment for commercial, industrial and public-sector applications throughout the UK and Ireland.

As a **Honeywell Diamond Channel Partner**, DMS provides access to a comprehensive range of Honeywell gas products alongside specialist technical support and product-selection advice.

From individual gas regulators through to meters, valves and complete gas-control solutions, DMS can help specify the correct equipment for virtually any commercial or industrial application.

Discover the Honeywell J48 and our complete range of Gas Pressure Regulation solutions at dmsltd.com. or scan the QR code.

25 YEARS DMS METERING SOLUTIONS

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