

# Pneumatic Level Control Valve



## Overview

Pneumatically operated pumps are the intrinsically safe option when dewatering in an underground coal mine. These pumps are often connected to the air supply and left to run non-stop, whether there is water present or not.

This results in excess air being wasted, which is not only a cost to the company for the air, but increases the maintenance costs of the pump as it is operating when it is not required.

To optimise air consumption efficiency and reduce maintenance costs, Dowdens has successfully developed a system that will start and stop the pneumatic pump using the rise and fall of the water level without the need for a mechanical or electrical float device.

## Features

Since the release of the first unit, which was designed to operate a single AODD or pneumatic submersible pump, this air logic automation has undergone additional developments.

This has led to the creation of solutions that can operate large multi air pump skids installed into sumps or sink holes or can be retrofitted to existing pump pods and tanks.

SKU	Description
DPLCV	Dowdens Pneumatic Level Control Valve

## Contact Your Local Dowdens Account Manager

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## Key Components

- Auto/Manual Operation
- Intrinsically Safe
- Stainless steel construction
- Multiple installation configuration
  - Integral Head Unit
  - Remote Mount Unit
  - Puddle Unit
  - External Tank Unit
- Two different capacity options, depending on how many pumps are being operated



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