



## Specification Sheet: PROF-A2PORT Zone Valve Actuator

### Product Overview

The PROF-A2PORT is a 2-port zone valve actuator designed for use in domestic and light commercial heating systems. It operates a valve mechanism via a synchronous motor with spring return action. This actuator serves as a high-quality replacement for standard zone valve actuators and is designed for compatibility with most systems using motorised valve heads.

### Technical Specifications

Motor Type	Synchronous motor with spring return
Voltage Supply	230V AC, 50Hz
Power Cable	1 metre, 5-core flex
Flex Colours	Brown, Blue, Grey, Orange, Green/Yellow
Auxiliary Switch	Included
Switch Rating	3A Resistive
Manual Lever	Integrated for manual valve operation

### Compatibility

The PROF-A2PORT actuator is engineered to replace actuators on standard 2-port zone valves and is especially suited for replacing those originally used on 22mm and 28mm zone valves. It offers plug-and-play functionality with systems utilising industry-standard motor open/spring return mechanisms and cable colours.

### Installation Notes

- Ensure electrical power is isolated prior to installation.
- Detach the existing actuator head by loosening its retaining screws.
- Align and secure the PROF-A2PORT actuator onto the valve body.
- Connect the 5-core flex as per standard wiring configurations.
- Test valve operation using the manual lever and apply power to verify electrical control.