

Monitored Ball Valves

Due to our ever-increasing Residential and Domestic flow of enquiries, and the recent demands of BS 9251:2021, SEP is pleased to present our monitored ball valve in sizes from 1"/25mm up to 2"/50mm.

BS 9251:2021, section 5.15 states that "except for category 1 systems, all valves which control the flow of water to the system should be electrically monitored for the open position" – SEP can help ensure that all R&D (Residential and Domestic) fire sprinkler system installers meet this requirement, along with many others.

The valve and monitor switch can be purchased stand-alone, or as part of our resi-riser assembly, and the small assembly is simple and lightweight.

As required, the spring switch ensures that the valve is monitored to be 'in the fully open position' – even if slightly closed, a signal will be transmitted to the monitoring panel

Comprising the following:

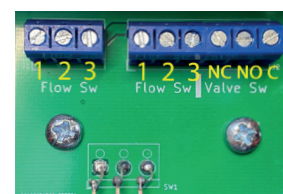
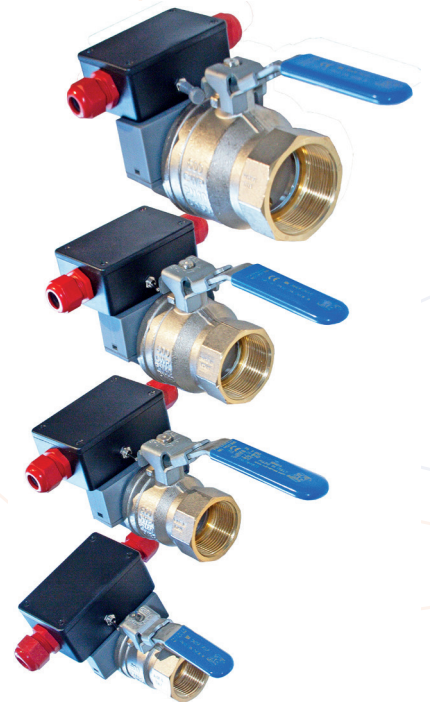
- PN40 brass ball valve with BSP female threads
- WRAS-approved
- Fully lockable handle (keyed-alike padlocks also available)
- Micro-switch monitoring that the valve is fully open and not tampered with or damaged
- Flexible NC and NO connection options
- Flow switch connections also provided
- ABS enclosure with low flammability rating (UL94-HB)
- IP54-rated enclosure with min IP54-rated cable glands.

If you are installing R&D fire sprinkler systems, did you know we also supply:

- **Booster Pump Sets** – we are a nominated distributor for Grundfos FireSAFE, and the only stockist (even Grundfos themselves do not stock complete units).
- **Priority Demand Valves**, designed to isolate the domestic water supply in the event of fire sprinkler system operation, fail-safe design in accordance with BS 9251:2021.
- **Resi Risers** (valve sets complete with LPCB-approved flow switch, pressure gauge, lockable test valve), allowing you to meet further BS 9251:2021 requirements.
- **Zone Guardian**, zone water flow alarm switch test devices for larger zoned systems.
- **Wet riser pump initiation and test panels**, where wet risers are installed as part of a larger system.
- **Pressure gauges**, switches, flow switches and various other ancillaries.

Wiring details:

- **VALVE SW** (valve monitoring switch) connections C/NO/NC. NO/NC with spring switch in natural/resting position; can be considered reversed when the valve is open and the spring switch is 'cocked'. Circuit must be tested to ensure operation as per design during commissioning.
- **FLOW SW** (flow switch) connections 1/2/3 are provided only as a means of local connection – optional use as required.



Please contact us with your requirements – we pride ourselves on our responsiveness, flexibility and quality and are therefore happy to source whatever you require wherever possible – quickly and at the best price.