

## **Herz Fig No 4006 SMART**

SMART PIBCV (Pressure Independent Balancing and Control Valves), DN15 – DN20 shall be pressure independent and fitted with an on/off or modulating actuator with a M28 x 1.5 mounting thread and 4mm stroke, rated PN16. The body is constructed from DZR Copper alloy with the diaphragm and seals being EPDM. The Compact valve is specifically designed to regulate ultra low flow rates as low as 0.003 l/s. The valve should maintain the flow at the desired flow rate as the diaphragm responds to the pressure upstream and downstream of the balancing valve (via an internal impulse line). The maximum volume flow should be set according to the flow charts by means of a key and can be reset at any time if required. The valve shall have male threads to allow union connections to be fitted for any type of pipe. The valve manufacturer shall provide a five year fully comprehensive warranty, covering parts, labour and consequential loss.