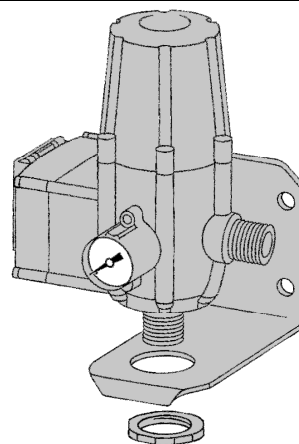


PRESSURE SWITCH SERVOPRESS COMFORT



Technical Details

with 1.5 m cable – IP 65
 Fully automatic with integrated dry-run protection
 230 V – 50 Hz, P(max) = 1.50 kW
 Socket (Schuko) & Plug
 2 x 1 " (MT) – (intake /outlet)
 Starting Pressure 1.5 bar, manometer
 3 LED – Standby/Operation/Alarm, Reset Button



Picture merely serves illustration

Function:

1. The Pressure Switch signals the pump to commence operation. Once the pump has reached its maximum pressure in the system and the flow of water through the switch ceases, the brass outlet cone falls back contacting a backlash relay, which continues the operation of the pump for a further 2 – 3 seconds. Meanwhile, the spring membrane within the pressure switch is entirely compressed.
2. After the pump operation has ceased, the non-return valve at the inlet of the pressure switch ensures that the pressure within the switch and the system remains at a maximum. The brass cone at the outlet of the pressure switch does not constitute a sealed non-return valve and primarily has the function of contacting the electrical contacts – thus switching the pump on and off!
3. After water is used and the pressure within the system and pressure switch falls below 1.5 bar, the spring membrane is gradually released pushing the brass cone at the outlet into the top position. The brass cone makes contact with the top electrical contact and the pump recommences operation until its maximum pressure is reached.

Note:

Due to the resistance (force required to compress) the spring membrane, this pressure switch must be used in conjunction with a pump of at least 2.2 bar!

