

Proportional screw-in cartridges with slip-on coil

Wandfluh is offering the proportional screw-in valves with slip-on coil. Due to the exchangeable coil, the logistics can be significantly simplified, because the solenoid coil can also be retrofitted. With the different variants, the proportional screw-in cartridges have become a very flexible system. Different plug - and voltage variants are available ex stock and are complemented with respect to individual adaptations with the customary Wandfluh flexibility. In addition, the performance of the valves has been enhanced by the improved solenoid coil. Therefore also ambient temperatures of up to 70 °C can be accepted without any loss of performance. With the improvement of the corrosion protection of the solenoid coil, the valves - depending on the version - achieve a salt-spray resistance of over 500h.



Features

- ✓ Exchangeable solenoid coil
- ✓ Increased max. ambient temperature of up to 70 °C with full performance capacity
- ✓ Versions in 12 VDC and 24 VDC
- ✓ Available as standard with DIN, AMP Junior Timer and Deutsch plugs
- ✓ Further plug versions can easily be implemented on request
- ✓ Version with integrated, digital electronics available (DSV)
- ✓ Solenoid coil with enhanced corrosion protection
- ✓ Optimum valve equalisation for minimising the hysteresis
- ✓ Pressure relief valves and - reduction valves with various pressure levels
- ✓ Throttle - and flow control valves in the nominal sizes ISO M22, M33 and M42
- ✓ Valves optionally available with NBR or Viton seals as standard. Other seal materials are possible on request

Valves

Pressure control valves

- ✓ BDPPM22, direct operated pressure relief valve for 25 l/min and 350 bar
- ✓ BDIPM22, direct operated, inverse pressure relief valve for 25 l/min and 350 bar
- ✓ BVPPM22, pilot operated pressure relief valve for 100 l/min and 350 bar
- ✓ BVPPM33, pilot operated pressure relief valve for 230 l/min and 350 bar
- ✓ BVPPM42, pilot operated pressure relief valve for 400 l/min and 350 bar
- ✓ BVIPM22, pilot operated, inverse pressure relief valve for 100 l/min and 350 bar
- ✓ BNIPM22, pilot operated, inverse pressure relief valve for 100 l/min and 200 bar
- ✓ MVPPM22, pilot operated pressure reducing valve C 60 l/min and 350 bar
- ✓ MQPPM22, pilot operated pressure reducing valve for 40 l/min and 350 bar
- ✓ MVPPM33, pilot operated pressure reducing valve for 160 l/min and 350 bar

Flow control valves

- ✓ D.PPM22, throttle valve for 25 l/min and 350 bar
- ✓ DNPPM33, throttle valve for 63 l/min and 350 bar
- ✓ QNPPM22, 2-way flow control valve for 25 l/min and 350 bar
- ✓ QNPPM33, 2-way flow control valve for 80 l/min and 350 bar
- ✓ QNPPM42, 2-way flow control valve for 160 l/min and 350 bar
- ✓ QDPPM22, 3-way flow control valve for 25 l/min and 350 bar
- ✓ QDPPM33, 3-way flow control valve for 63 l/min and 350 bar
- ✓ QDPPM42, 3-way flow control valve for 160 l/min and 350 bar
- ✓ QSPPM33, tight seating flow control valve for 100 l/min and 250 bar

Applications

- ✓ Sensitive adjustment of pressure, resp. flow throughput
- ✓ Control of the speeds of hydro-motors
- ✓ Cylinder controls and - positioning
- ✓ Individual clamping - and tensioning force adjustment

Further information

You will find further information on our website.
We will be happy to advise you in the selection of the suitable components for your application.

