

FUNCTION

- Motorized Relief Valve for remote control of hydraulic system pressure.
- 1500 or 3000 psi versions are pilot-operated relief valves.
- 5000 psi version is a direct-acting relief for pilot control of larger components.

APPLICATIONS

- Direct remote control of hydraulic system pressure in systems with 15 GPM or less flow and 3000 psi maximum.
- Hydraulic presses, clamping functions, or torque control of hydraulic motors are typical applications.
- Remote pilot control of high pressure (up to 5000 psi) pumps and/or relief valves. The MPC-10-50-** is ideal for remote control of pressure limited pumps, either hydrostatic or open loop.

OPERATING PRESSURE

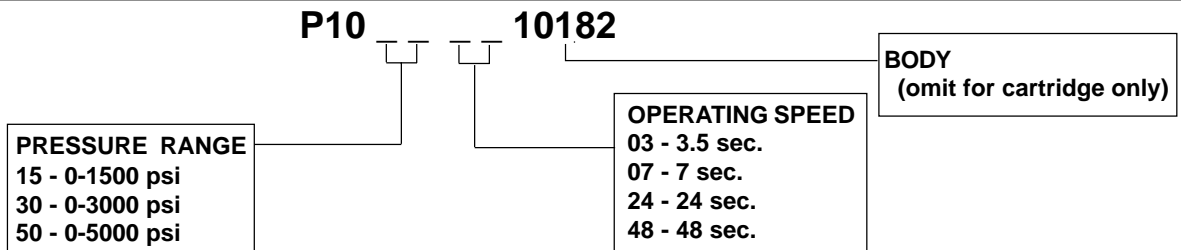
- 1500, 3000, or 5000 psi maximum.

FLOW RANGE

(Fully closed to fully open @ 12V DC)

- 0-15 GPM (1500 psi or 3000 psi valves)
- 0-1.5 GPM (5000 psi valve)

HOW TO ORDER...



CONSTRUCTION

- Nose, body and spool: steel.
- Exposed parts plated
- Motor container assembly anodized aluminum

OPERATING SPEED

(Fully closed to fully open @ 12V DC)

- 3.5 seconds (-03 option)
- 7 seconds (-07 option)
- 24 seconds (-24 option)
- 48 seconds (-48 option)

VOLTAGE

- 12V DC
- For 24V DC operation, add 100-ohm resistor in series with motor

CURRENT DRAW

- Less than 120 MA typical @ 12V DC

CARTRIDGE WEIGHT

- MPC-10: 1.3 lb.

CAVITY

- SFP 10-2, Industry common cavity
- 7/8-14 UNF thread x .625 nose diameter