

# CARTRIDGE VALVES WITH UNF THREAD

## DESCRIPTION

The UNF thread standard is mainly used in the United States and Canada. The designation UNF defines a fine thread. A and B are used to distinguish between internal and external threads. Example of the naming of a thread: 3/4" - 16 UNF - 2A.

3/4 inch; pitch 16 turns per inch; fine thread; class 2 external thread

## ELECTRONICS

For the control of proportional spool valves, electronic modules in different executions are available. Regardless of the design, the modules can be programmed using the free parameterisation software PASO.



Amplifier and control electronics



4/3-way spool valve WDPPI10\_18



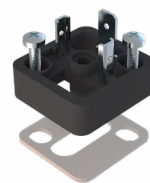
Proportional pressure reducing cartridge MPPPU10



Application example construction machinery

## CONNECTOR VARIANTS

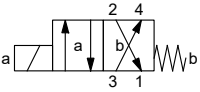
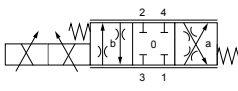
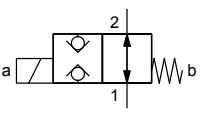
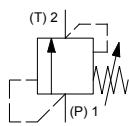
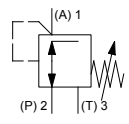
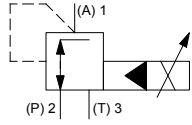
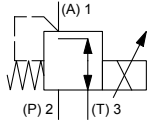
The solenoids are available in different versions.



DIN, German and Junior Timer



## CARTRIDGE VALVES

Designation	Symbol	Data sheet no., designation	Q <sub>max</sub> (l/min)	p <sub>max</sub> (bar)
Solenoid spool valve cartridge		1.2-210 WDEPU10	38	350
PROPORTIONAL SPOOL VALVE CARTRIDGE		1.10-2710 1.10-2720 WDPPU_	28	350
Poppet valve pilot operated or direct operated*		1.11-205B 1.11-208B S_EPU08_X5	40	350
Pressure relief cartridge Direct operated leakage-free		2.1-523 2.1-590 BESPU_	50	420
Pressure reducing cartridge direct operated		2.2-550 MD_PU10	20	350
Proportional pressure reducing cartridge Pilot operated		2.3-672 MVPPU10	60	350
Proportional pressure reducing cartridge direct operated by means of pilot spool		2.3-673 MPPPU10	20	350

\*Direct operated version shown

