Hvac components



Proportional valve

Description

Solenoid valves are devices which controls the flow of water into a system. In a boiler this function can be used to modulate the sanitary water flow based on the domestic hot water amount requested by the end user. In order to optimize the wall-hung boiler feedback this device should be used in combination with a flowmeter and temperature sensors.

Electric scheme

PWM power supply for proportional valve



Flow rate diagram



Datasheet

Ambient temperature From 2°C to 70°C Water temperature From 2°C to +60°C Water pressure From 0 bar to 6bar Adjustable flowrates Up to 16 l/min Hydraulic interfaces Inlet connection: G 3/4 Outlet connection: Hose adapter **Electric connections** 2 Faston Tabs 6.3 x 0.8mm Power supply 12VDC (PWM) **Power consumption** <10W Other features Solenoid coil approved by ENEC Flowmeter integration

Overall dimensions



Technical data are only for information and subject to change without any prior notice