

PD2 Amplifier family

The PD2 amplifier family combines the functions of large amplifiers in a small housing. Particularly striking are the integrated control elements which allow parameterisation to be carried out directly on site and without additional material.

As a solenoid option, the PD2 amplifier is fix connected with the solenoid coil, both mechanically and electrically



The PD2 module with a cable connection for installation which is offset from the valve body



Cartridge valve in a explosion protected execution, with integrated PD2 amplifier electronics under the screw plug



Product description

Thanks to the specially adjustable dither signals in the amplifier, the PD2 family leads to excellent stability and greatly reduced hysteresis on the valves. Thereby the amplifier modules can either be parameterised via the internal control panel or with the aid of the intuitively-controlled parameterisation software PASO. The operator interface of this software is constructed in a block arrangement. Clicking on the respective symbol opens up the corresponding window in which the parameters can be set very easily and clearly. This way, in addition to the selection of various signal types, ramp generators with individually adjustable ramp curves can also be programmed. There are practically no limits to the many parameterisation options with or without the PASO parameterisation software.

The PASO-software can be downloaded free of charge from the Internet page www.wandfluh.com.

Characteristics

- ✓ Parameterisation / Programming is possible via the button function
- ✓ Parameterisation / Programming is possible via the PASO software
- ✓ Process data display is integrated in PASO
- ✓ Comprehensive recording of signals is integrated in PASO
- ✓ Remote control functions are possible via PASO

Applications

- ✓ Can be used practically everywhere with very low planning costs
- ✓ Simple and flexible integration and requiring little space
- ✓ The comprehensive parameterisation options are particularly suited to the construction of prototypes
- ✓ Wide field of application through a selection of varied signal standards for the control
- ✓ Thanks to a broadly designed voltage input range, it can be used in various environments
- ✓ Amplifier module integrated into the housing for use in explosion protection areas

Executions	
Installed on solenoid coil	Data sheet-No. 1.1-330
Cable execution	Data sheet-No. 1.13-64
As ex-protection execution directly in the housing	Data sheet-No. 1.1-183



Further information

Further information can be found on the mentioned data sheets and on www.wandfluh.com. Or we will be happy to advise you in the selection of the suitable components or in the layout of your application.