

MD2 AMPLIFIER AND CONTROL ELECTRONICS

DESCRIPTION

The MD2 is a digital amplifier or controller electronics with four or eight solenoid outputs. It is characterised by a robust and compact design and, with its wide input voltage range of 8 to 32 V DC, is predestined for use in mobile machines.

The MD2 electronics can process both analogue and digital signals and can optionally be controlled via a conventional CANopen interface.

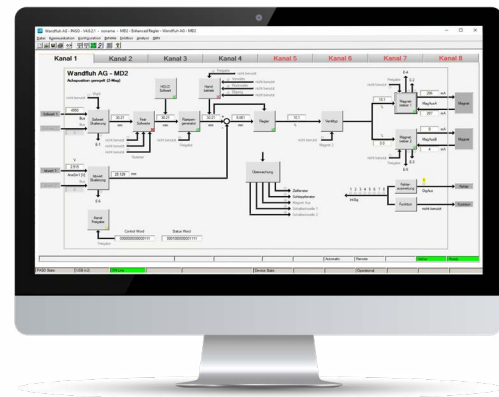


MD2 amplifier and control electronics

PASO PARAMETERISATION SOFTWARE

For programming the MD2 electronics, the free parameterisation software PASO from Wandfluh is available. Thanks to its block diagrammatic structure, it is very intuitive to use and contains other interesting tools that significantly simplify the parameterisation process or troubleshooting.

- Parameterisation / Programming
- Process data display
- Integrated oscilloscope
- Remote control function



PASO interface as block diagram for intuitive operation



Inner workings of MD2 electronics

FIELDS OF APPLICATION

Unobtrusive, robust, with a wide operating temperature range and optimally protected against water and dust - this is how the MD2 electronics present itself on mobile machines and systems, where it is used either as amplifiers or increasingly also as controllers. It can drive up to four (Basic Version) or up to eight (Enhanced Version) solenoids, which is usually sufficient for mobile applications.



PASO TOOLS

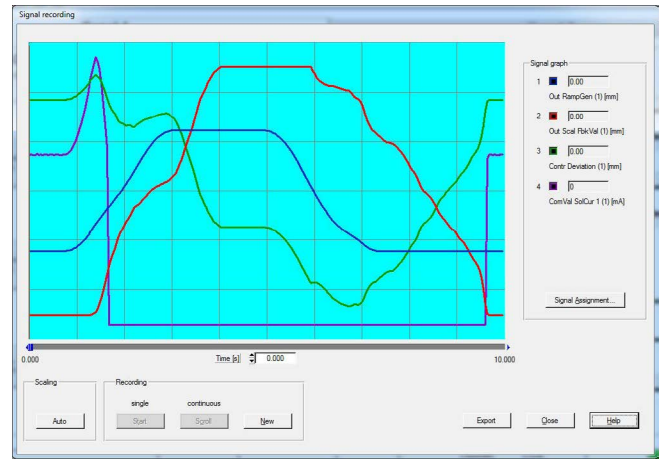
PASO is not only intuitive to use, but the software itself offers some very helpful tools that make precise adjustment or detailed troubleshooting possible in the first place.

Already during the parameterisation process, all measurement data can be displayed on the screen in real time, so that the effects of an adjustment of the values can be followed directly. Another practical tool is the built-in oscilloscope. With this, the values can be displayed and compared as a curve over a certain period of time. When searching for sporadic faults, these curves can also be recorded and subsequently analysed. With PASO, hydraulic specialists have a simple but powerful tool with many additional possibilities at their disposal.



Tutorial on the analysis functions of PASO

OSCILLOSCOPE



- Free signal selection
- Trigger selectable
- Signal analysis

FIELDBUS - THE INDUSTRIAL NETWORK

CANOPEN (DSP-408)

- IEC Standard
- Device profile compliant
- Control
- Parameterisation
- PASO support

