

Digital Mobile Amplifier Module MD2

The digital amplifier module is characterised by its robust and compact construction. As a result, it is highly suitable for applications in the mobile field. The module is available as Basic amplifier and as Enhanced amplifier. Both versions do not differ in their construction. The Enhanced amplifier has more inputs and solenoid outputs than the Basic amplifier. The Basic amplifier has a 10-bit resolution of the analogue inputs, the Enhanced amplifier a 16-bit resolution of the analogue inputs.

Further characteristics of the MD2 are the individual programmability of the inputs and outputs, the high number of solenoid outputs, which can be used not only for driving proportional solenoids, and the broad voltage range, which enables the driving of 12 VDC - and 24 VDC devices.

The parameterisation takes place through a USB-interface by means of a menu controlled parameterisation - and diagnostics software.

MD2

- Mobile Amplifier Module
- Screw connectable
- Connection through plug suitable for mobile connections
- Parameterisation through USB-interface
- Protection class IP 67
- Operating temperature -40...+85°C

Characteristics

- Supply voltage range 8...32 VDC with separate power supply to the power outputs
- Pulse width modulated current outputs with superimposed dither signal and current control
- Stabilised output voltage (e.g., for the connection of a potentiometer or joystick)
- Customer-specific requirements are easily implemented
- Further technical information is contained on the data sheet 1.13-240

Applications

- Mobile applications
- Applications, where protection from environmental influences is demanded

Further Information

You will find technical information on our website. We will be happy to advise you in the selection of the suitable components for your application.

Do not hesitate to contact us.



Number In-/outputs	Basic amplifier	Enhanced amplifier
Digital inputs	2	4
Digital outputs	2	2
Analogue inputs	2 (10Bit)	4 (16Bit)
Solenoid outputs	4	8