

Item No.: SO4204-7J

UniTrain "Pulse-width modulated signals in automotive"

Includes:

- 1 Experiment card with FET amplifier and indicator LEDs
- CD-ROM with Labsoft browser and course software

Course contents:

- Knowing the principle of pulse-width modulation
- List use cases of PWM in automotive engineering
- Power matching with PWM
- Explain the difference between direct and pulsed current
- Measurement of PWM signal characteristics: frequency, amplitude, pulse-width (duty cycle), edge and signal shapes
- Identify control and working circuits
- Measurement of PWM signals
- Diagnosis of PWM-controlled components
- Course duration 2.5 h approx.