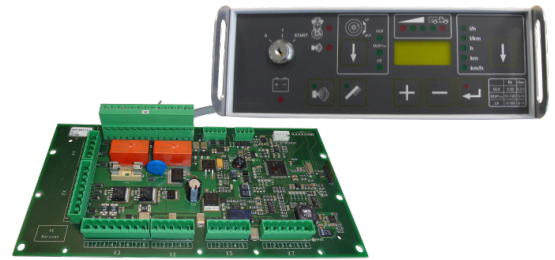


Aerosol Fogger Control with remote control



for MCR technology, agriculture and forestry

Technology field

Propulsion technology, test and measurement technology

Project requirements

The **project objective** was the development and production of a control system for an aerosol fogger, which was designed for the large-area application of active ingredients. The control of valves and an active agent pump as well as modes for calibration and cleaning were to be realized. The output quantity is specified either by volume in relation to time or in relation to the distance travelled (via radar sensor or GPS).

Facts/Highlights

- Speed control of the active ingredient pump
- Valve actuation
- Cleaning function
- Detection of vehicle speed by radar sensor or GPS signals
- Calibration function for the delivery rate
- Parameterization and flow rate specification for the power section
- Selection of operating modes via remote control

Services of KNESTEL

Potential analysis, target price estimation, project management, specifications, project planning, development of software and hardware, electrical and mechanical design, EMC test, prototyping, series production

Possible Applications

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About KNESTEL: Knestel has been developing and producing customized electronic and mechatronic special solutions in the fields of motor and machine control, frequency converters, image processing, MCR technology, software development, radio, bus systems and gas analysis for 40 years. We support our customers from the idea to the finished implementation. Individual solutions and concepts - technically up to date. Our production - electronics manufacturing, device and switch cabinet construction, Production of subassemblies, assembly and mechanical processing - is equipped with the latest technology.