Troubleshooting / error search
Agile Production Simulation 24V (APS)

The following document describes the most common errors that can occur with the APS and how they can be rectified.

Please follow the respective instructions. If you have any questions, please contact fischertechnik-technik@fischer.de.

Module	Error	Possible solutions
all	A module is not displayed in the dashboard as "Connected" is displayed:	- Wait 2 minutes until all modules have connected to the central control unit (CCU) - Check whether the PLC fuse on the 24V board has tripped (red instead of blue LED lights up). If so, please press the ON button on the 24V board to switch on the PLC. - Restart APS as described in the documentation.
PLC	The RUN/STOP LED does not light up green on the PLC, but yellow	- If no error messages are displayed, set the CPU in the TIA Portal to the operating state RUN
DPS	The ERROR LED flashes red on the PLC	- Check the cables and connectors between the IR color sensor and the PLC - Check the power supply and the cables on the modules - Connect to the PLC in TIA Portal and check the error messages displayed in the diagnostics view - See status LEDs on the PLC: https://support.industry.siemens.com/cs/mdm/109741593?c=90613046795&lc=e-EN

DPS, HBW, AIQS, DRILL, MILL, OVEN, FTS	An error message or ERROR appears in the Messages view of the dashboard	- Reset the APS via the dashboard as described in the documentation - Restart APS as described in the documentation.
CCU	Raspberry Pi does not boot	- Make sure that the microSD card is inserted correctly. - Check whether the Raspberry Pi image file has been correctly written to the microSD card. - Check whether your Raspberry Pi model requires a specific version of the image file.
CCU	Slow performance when using a non-fischertechnik microSD card	- Use an original fischertechnik microSD card (item no. 175723) - Consider using a microSD card with a higher read/write capacity. /writing speed. - Make sure that the power supply of the Raspberry Pi meets the recommended specifications.