Handling short instructions for Wireless around the controller



Commissioning of ALF-UA

ALF-UA creates a WIFI network with the SSID "ALF-UA" and automatically assigns an IP-address via DHCP for the WIFI-participants who connect to the device.

Connect laptop/notebook to this WIFI-network, the respective PC is assigned an IP-address from the subnet 192.168.2.xxx.

If you need a different subnet for the connected controller, you can change the subnet after connecting the PC and ALF-UA:

- Connect PC to ALF-UA via WIFI
- Open the ALF-UA-website with a browser and IP address 192.168.2.1
- User name: adminPassword: admin
- Menu "network" => "AP router" => "LAN" => "router IP" enter the desired subnet
 The changes are accepted by clicking on the diskette symbol
- After a restart, the device is available with the new parameters
- Rebuild the WIFI-connection of PC and ALF-UA

Connect the respective control/machine to the LAN port of the ALF-UA with a patch cable. Now that the PC and ALF-UA have been connected, the machine can be reached "wirelessly" and you can communicate.

Under the web-address https://www.process-informatik.de are product specific documentations or software-driver/-tools available to download.

If you have questions or suggestions about the product, please don't hesitate to contact us.

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Menutree Website:

QR-Code Website:

- + Products / docu / downloads
 - + Wireless around the Moeller-PLC





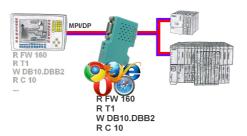
Please make sure to update your drivers before using our products.

Recognize missing Profinet participants



Recognize cable breakage, contact problems and line faults. Retransmissions and failures are logged and reported. Early acting before total failure of the participant.

Analyzing of write-/read-accesses to the PLC



Panel of S7 SPS, no backup of the project or the projecting-data itself?

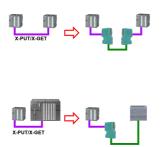
Put the MPI/DP-bus-communication-analyzer on the bus of the respective control, set the bus-address of the control via the web-interface and start the recording. After stop visible list in the web-interface of all read or written data-areas I/O/F/T/C/DW of the control. Filter functions for source-address as well as source- and target-SAP.

Without LAN-cable round of the PLC



Your're right in the middle of your production line and and should move around the machine and simultaneously observe / manage. No problem, you parameterize the S7-WLAN-Bridge, connect to the MPI-LAN and connect to an access-point or with the ad-hoc-network of your laptop and are ONLINE on the PLC.

Extend MPI/DP-bus over network or convert to network



MPI/DP communication between two S7-300/400 controllers on the same bus

- a control is relocated spatially:
- 2x S7-LAN with activated X_PUT/X_GET module, the data is transported between the modules via the network.
- a control is replaced by a PN control:
- 1x S7-LAN with activated X_PUT/X_GET module and the received-data are transferred automatically to the configured PN-PLC via PUT/GET.