

PLIN-USB

The PLIN-USB enables the connection of a Windows® computer to a LIN network via USB. The adapter supports the LIN protocol according to the standard ISO 17987 and complies with all LIN specifications up to version 2.2. The interface can be operated as a master or a slave.

The monitor software PLIN-View Pro and the PLIN programming interface for the development of applications with LIN connection are included in the scope of supply.



- Adapter for the USB connection (Full-Speed mode, compatible with USB 1.1, USB 2.0, and USB 3.0)
- LIN connection (ISO 17987)
- Compliant with all LIN specifications (up to version 2.2)
- Bit rates from 1 kbit/s up to 20 kbit/s
- Can be used as a LIN master or slave (1 ms master task resolution)
- Automatic bit rate, frame length, and checksum type recognition
- Autonomous scheduler with support for unconditional, event, and sporadic frames
- LIN bus connection via D-Sub, 9-pin
- LIN connection short-circuit-proof against transceiver supply and ground
- NXP TJA1028T LIN transceiver
- Galvanic isolation on the LIN connection up to 500 V
- Indicator LED for interface status
- Adapter supply 5 V DC via USB port
- Transceiver supply 6 - 28 V DC via D-Sub, pin 9
- Extended operating temperature range from -40 to 85 °C (-40 to 185 °F)