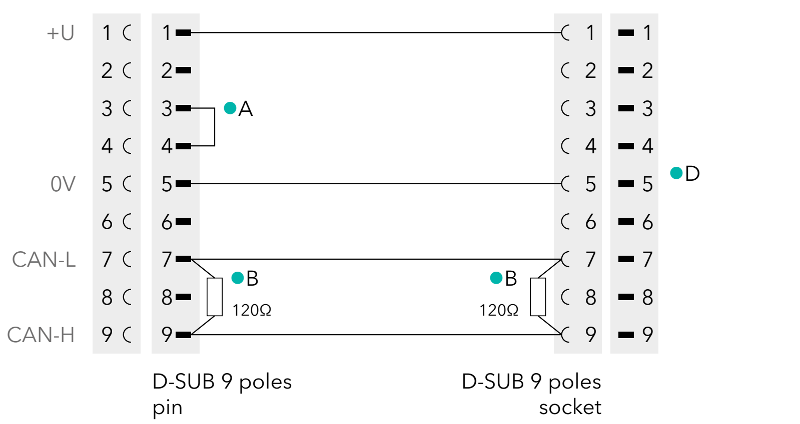
T7 / BA
CONNECTION OVERVIEW

» Overview of the connection of the BA and T7 operating units with the sysTEMP and flexoTEMP series devices.

BA ⇔ SYSTEMP II/NET

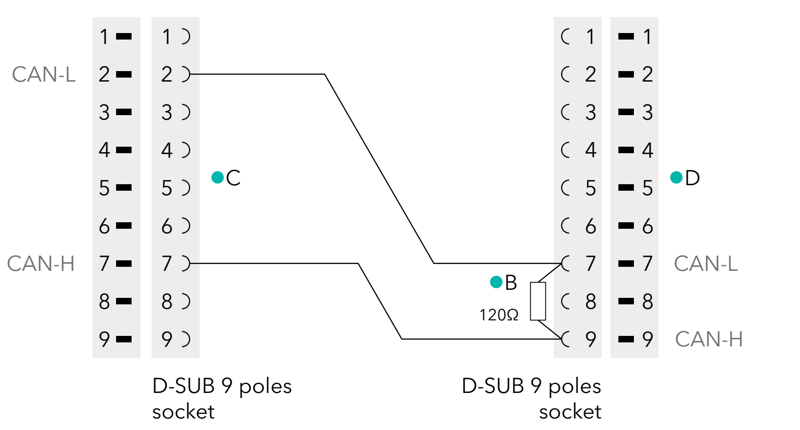


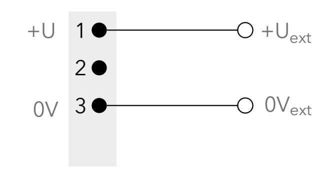
Note

» The pin assignment does not correspond to the CANopen standard on both sides.

» Due to the live pins on the controller for the supply of the BA, always connect and disconnect the connectors voltage-free.

T7 ⇔ SYSTEMP II/NET





Note

» The T7 is powered by an external power supply unit (24 VDC).

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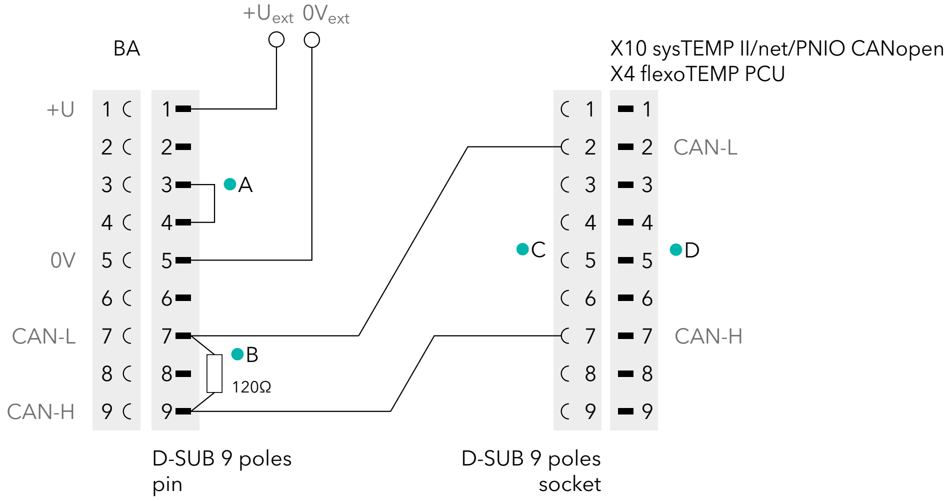
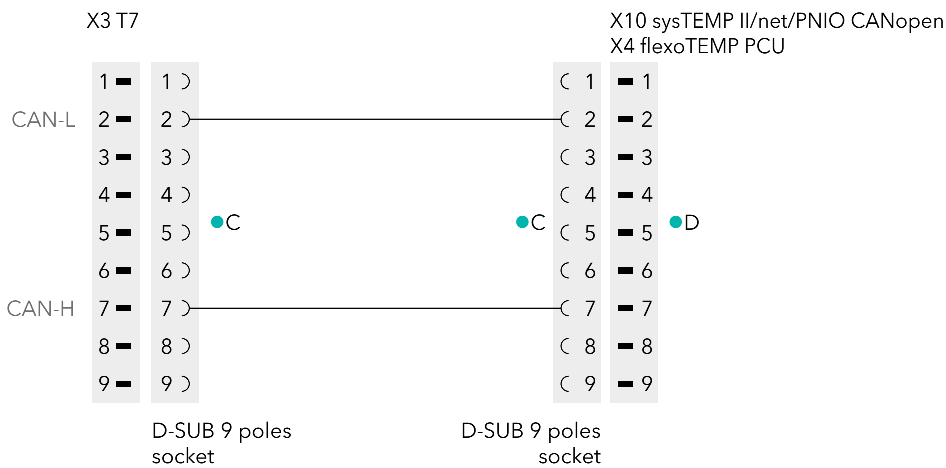
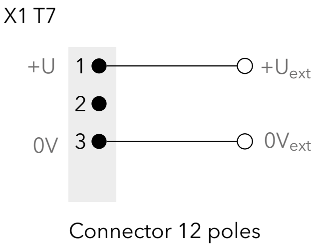
BA ⇔ SYSTEMP II/NET/PNIO WITH CANOPEN ASSIGNMENT AND FLEXOTEMP PCU/PCUNEXT



T7 ⇔ SYSTEMP II/NET/PNIO WITH CANOPEN ASSIGNMENT AND FLEXOTEMP PCU/PCUNEXT





Note

» The T7 is powered by an external power supply unit (24 VDC).

NOTES ON THE TERMINATION OF THE CAN

If one of the components is placed at the end of the CAN topology the termination can be done depending on the component as follows. **If several variants are possible, only one of them is to be used.**

Legend	Note
●A	Activate termination by device-internal terminating resistor via connection between pin 3 and pin 4.
●B	Termination by installing a resistor (120 Ω)
●C	Termination via switch of CAN field bus connector (ArtNo. 164920)
●D	Termination via DIP switch 8 (only sysTEMP net and sysTEMP PNIO)

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