

Other Measurements

With the PPC-06/08/12 Hydraulic Tester you are able not only to measure pressure, temperature, rotational speed and flow; in addition the PPC can read various signals (e.g. analogue signals of a load-displacement sensor / electrical current- or voltage-signal of

a proportional valve) from external sensors. To measure and to process these signals the Hydraulic Tester PPC-06/08/12 uses the following adapters :

- Auxiliary adapter Adapter PPC-06/12-VADC-A
- Adapter for external sensors Adapter PPC-06/12-AUX-A
- External trigger-adapter Adapter PPC-06/12-TR-A

Adapter PPC-06/12-VADC-A

The auxiliary adapter PPC-06/12-VADC-A measures electrical currents up to 1.5 ADC and voltages up to 48 VDC and transfers these signals to the PPC-unit.

For example these adapters are used to check the inverter state of a motor / pump unit or of a proportional valve.

Adapter PPC-06/12-AUX-A

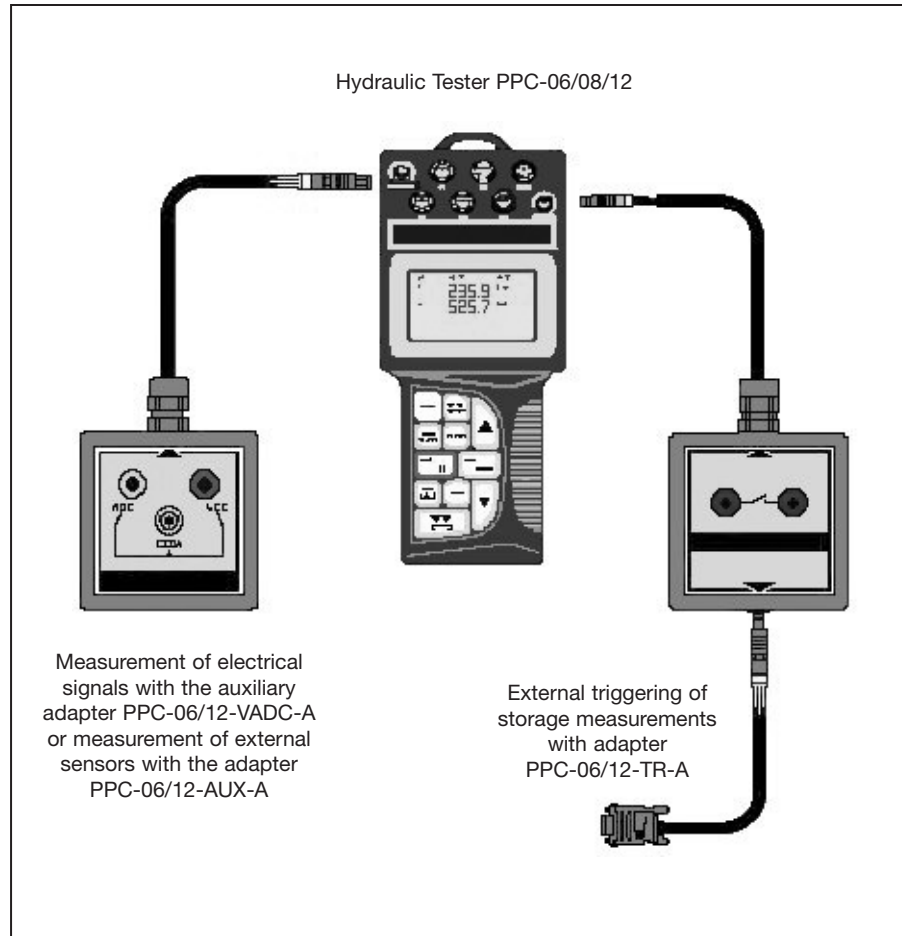
Signals of external sensors (like 0...20 mA or 0...10 VDC) are measured with the adapter PPC-06/12-AUX-A and are transferred to the PPC-06/08/12 units later on.

With this you can determine and display typical applications like load-displacement diagrams or torque / flow characteristics.

Adapter PPC-06/12-TR-A

External signals from a relay contact can be used to start a measurement report with the Hydraulic Testers PPC-06/08/12. The report begins with the start-up of a pump or the release of a valve. To ensure the external relay triggers during online measurements you must connect the adapter PPC-06/12-TR-A directly to a PC or a notebook.

NOTE !!! All three adapters are not for use with the PPC-04 /2 Hydraulic Tester !!!



Adapter PPC-04/12-U5P-S4P

The adapter PPC-04/12-U5P-S4P is a solution to adapt the old 4-pin-sensors and flow meters with the new units PPC-04 /2 and PPC-06/08/12 with the 5-pin ports.

Adapter PPC-06/12-RS232-to-USB-CAB

To connect the PPC units to a PC or notebook there are special PC-cables available (PC-SET PPC-04-SW-CAB and PC-SET PPC-06/12-SW-CAB). These cables have an RS-232 connection as standard. To connect these cables to a USB-port of a PC or notebook the adapter PPC-06/12-RS232-to-USB-CAB is an easy solution.