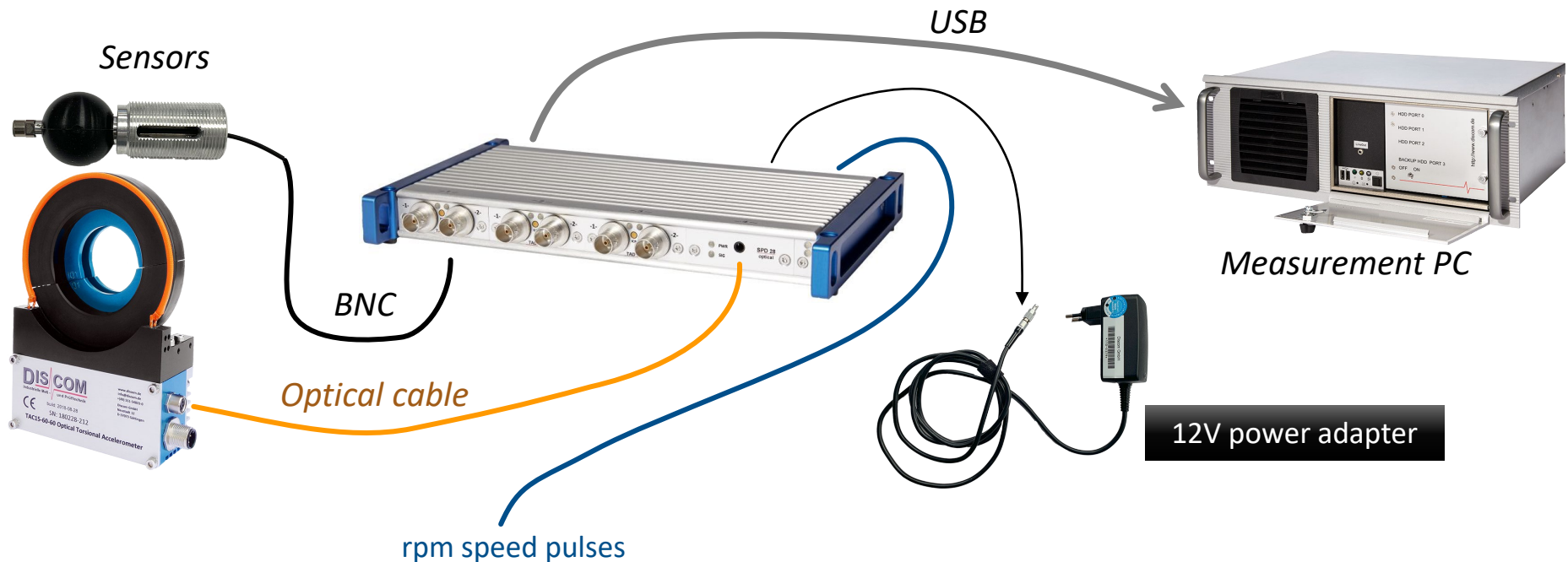


# Tas Box Connection

The **Tas Box** is the data acquisition front end of the Discom measurement system.

It is connected to the measurement PC via USB.

On Tas Box side, use the USB-B type plug, on measurement PC side use a standard USB-A plug for USB 2 devices. An according cable is delivered together with the Tas Box.



Sensors are connected to the BNC plugs, TAC optical cable to the according input.

Rpm speed pulses are wired to the TIS connector on the back side.

# Tas Box Operation

Connect Tas Box via USB cable to measurement PC. Preferably use USB 2.0 sockets (not USB 3.0).

In case of repeated communication issues (error messages in measurement application), try a different USB socket.

Tas Box Power adapter should be connected to the same outlet as measurement PC.

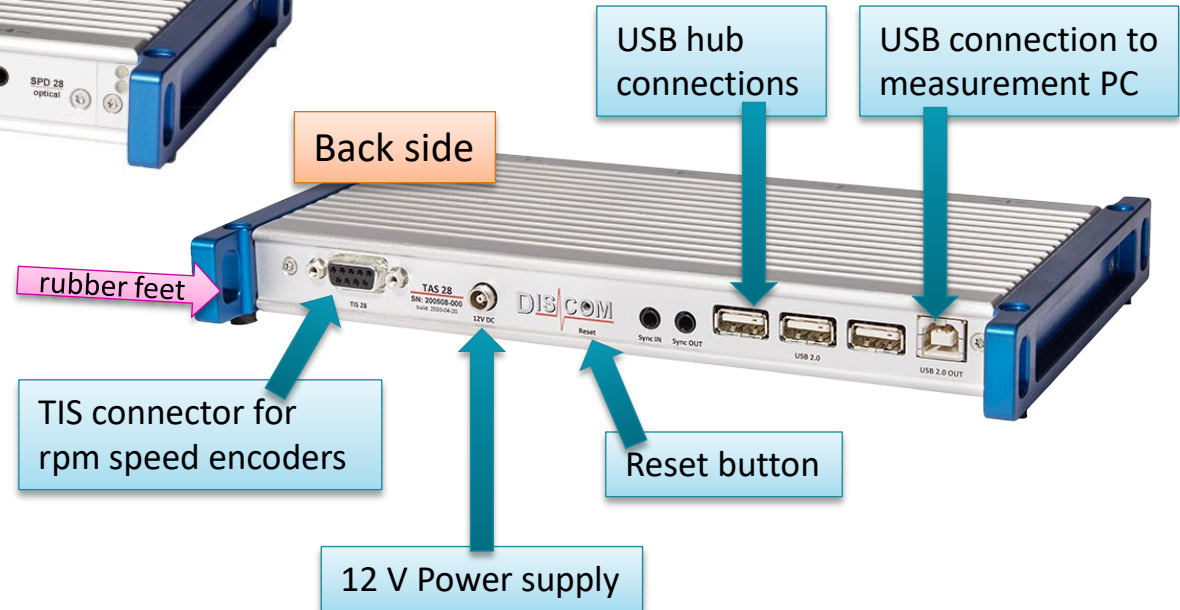
Front side:  
Module number 1 – 4  
Channel number 1 / 2



This is channel 3.1

During normal operation, there is no interaction needed with the Tas Box.

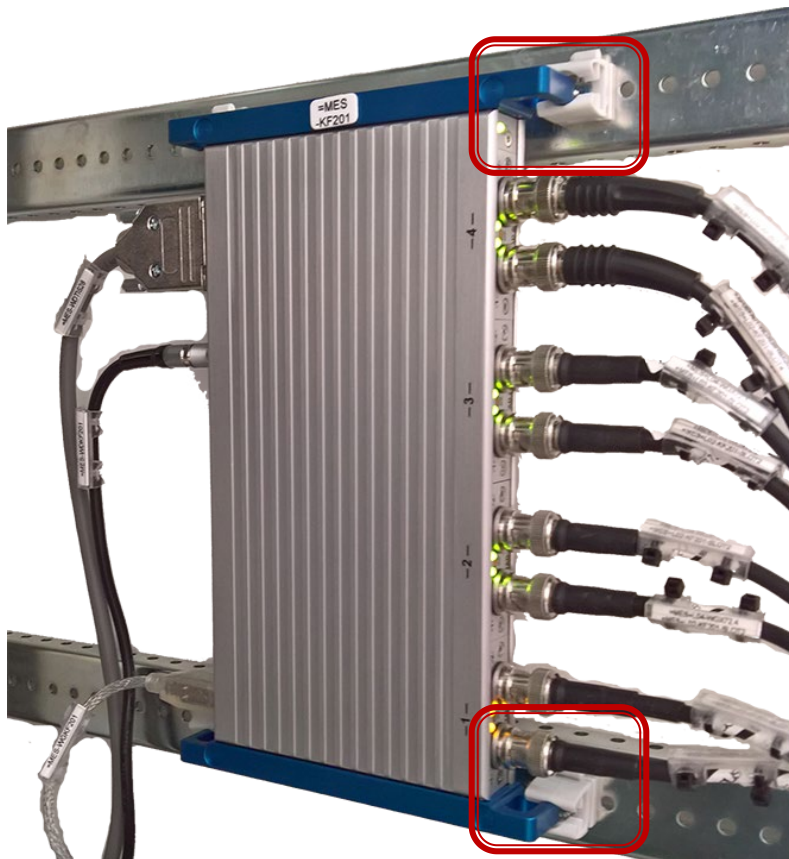
In case of USB communication problems (TasAlyser reports Tas Box errors), close TasAlyser, disconnect the Tas Box from USB and power supply, reconnect and then restart TasAlyser.



# Tas Box Mounting in Cabinet

The Tas Box **must be mounted electrically isolated** from cabinet metal parts.

If mounted to rails, use the white plastic clamps provided with the Tas Box.



If placed horizontally, the rubber feet of the Tas box will provide isolation.

