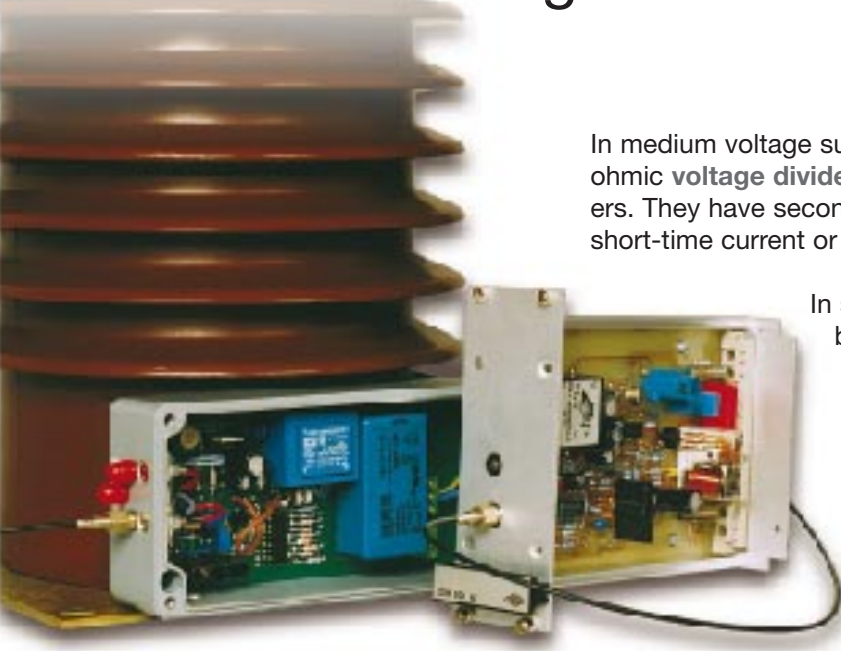


Medium voltage sensors

In medium voltage substations, inductive low-power **current sensors** and ohmic **voltage dividers** are mainly used, instead of conventional transformers. They have secondary output signals of e.g. 3.75 V, related to the thermal short-time current or the nominal voltage.

In special applications, the secondary signal is transmitted by **optical fibre**. Shieldings to protect against electro-magnetic disturbances are then no longer necessary.

Our **specialists** have long experience with medium voltage sensors. The illustrations show some typical examples of applications of existing designs.



Voltage sensor with transmitter, optical fibre and receiver



Opto-electronic interface



Block type combined sensor



Ohmic voltage divider



Inductive current sensor



Inductive current sensor



Metal-clad inductive sensor (current and voltage)



Ohmic voltage dividers



Adapter amplifier for ohmic dividers