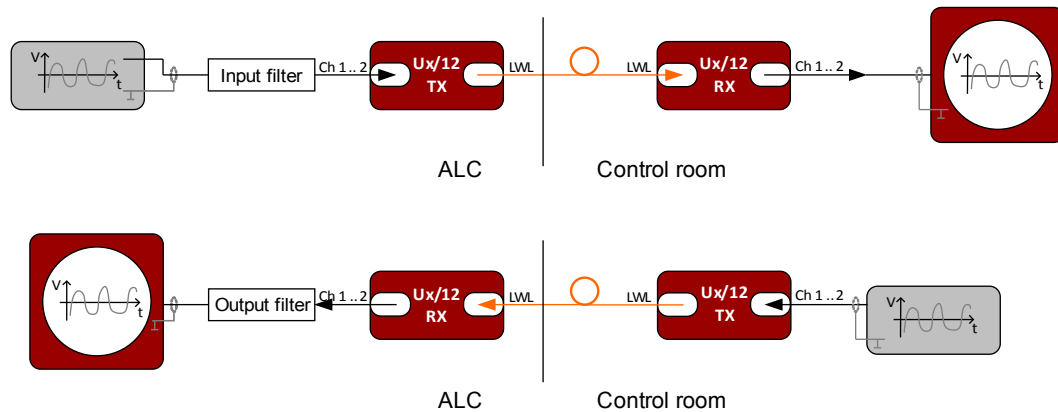


Field of application and characteristics

The **Ux/12** system can be used for the optical transmission of 1 or 2 different analog voltage signals outside the ALC or to transmit a stimulus inside the chamber (with optional output filter). It consists of a battery supplied transmitter and an also battery supplied receiver connected to each other with an optical fiber and can also be used to transmit analog signals over long distances or to handle ground potential problems. With the optical transmission, the shielded case and external filter, the system is well equipped for EMI and EME tests.



Application



Technical data

Channels:	1 or 2
Resolution:	12Bit (10Bit eff.)
Frequency range:	DC ... 10MHz (depending on ext. filter)
Input:	+/-15V; BNC
Input impedance:	1MΩ; approx. 8pF
Output:	+/-15V (1:1); BNC; max. 20mA short circuit protection (short time)
Output impedance:	approx. 50Ω
Sampling rate:	62,5 MS/s at each channel
Power supply:	5 NiMH cells with 2,5 Ah; approx. 6-8h five-poled charge plug
Case dimensions:	136mm x 86mm x 65mm; aluminum case
Weight:	approx. 800g
Misc.:	optional external battery pack / supply available different ext. filters (frequency range) available

Optical fiber

Connector / Type: FSMA / simplex-multimode fiber 62,5/125μm

Sales Partner: