

Field of application and characteristics

The **optoTTL** system can be used for the optical transmission of digital signals or for overcoming greater distances or for eliminating problems with mass potentials. Transmitter and receiver are supplied by internal batteries and are connected with optical fibers. With the optical transmission and the shielded case, the system is well equipped for EMI and EME tests.



Application



Technical data

Channels:	16
Connectors:	SUB-D 25
Frequency range:	DC ... 1MHz; suitable for digital data transmission up to 100kHz higher frequencies available on demand
Input:	2 ranges selectable: 3.3V and 5V
Output:	2 ranges selectable: 3.3V and 5V
Sampling rate:	40MS/s each channel (max. up to 156MS/s)
Power supply:	5 NiMH cells with 4 Ah; >20h; 5-poled charging plug
Case dimensions:	136mm x 86mm x 65mm Aluminium case with rubber protectors
Weight:	approx. 800g
misc:	External battery packs / power supply available on demand Bidirectional (duplex optical fiber) transmission on demand Higher input levels available on demand

Optical fiber

Connector / type:	FSMA / Simplex-Multimode LWL 62,5/125µm
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