

# HERMES

- Fast Digital Transfer System for 7 analog Ultrasonic or other Signals.



## HERMES

### Technical Specifications:

- Channels: 7
- Frequency Range: 0.1 - 250 kHz

### A/D Converter Unit

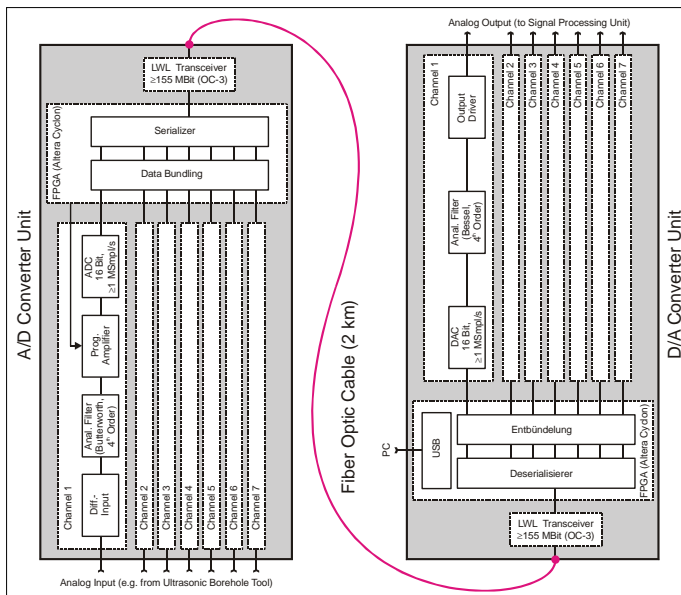
- A/D Converter: 16 bit, 1 MS/s
- Gains: 250/1000/5000
- Power supply: 12 VDC, 100 mA
- Weight: 500 g
- Casing: Stainless Steel, L300 x W45 x H30 mm<sup>3</sup>

### D/A Converter Unit

- D/A Converter: 16 bit, 1 MS/s
- Power supply: 12 VDC, 100 mA
- Weight: 2 kg
- Casing: L250 x W130 x H100 mm<sup>3</sup>

### Fiber Optic Cable

- Type: Multimode 50/125u (OM2)
- Length: max. 2000 m



*HERMES* is a fast Digital Transfer System for 7 analog Signals. It is special adapted to transfer Ultrasonic Signals from a Borehole Sensor Tool to an analog Monitoring and Processing System at the surface. A single, up to 2 km long Fibre Optic Cable is used to transfer the digitized data. To set the individual gains the same single Cable is used in the opposite direction. Adaption's to other Applications are possible.