Extension module/ Network module
for Data logger LogTrans 6 and LogTrans 16

Operational field/ equipment features

- Setup of networks with RS 485 data interface

Common features:

- Aluminium cast metal housing or printed circuit board version for mounting to Data logger LogTrans6 available
- Degree of protection cast metal housing: IP 66
- Wide range power supply

Extension modules for Data logger LogTrans6-GPRS

General technical data for extension modules

<table>
<thead>
<tr>
<th>Interface</th>
<th>RS 485 – UIT protocol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>Aluminum-cast metal housing with PG-fitting (brass, nickel plated)</td>
</tr>
<tr>
<td>Dimensions (LxWxH)</td>
<td>160mm x 100 mm x 81 mm – dimensions excluding PG-fitting</td>
</tr>
</tbody>
</table>

Detailed technical data for network modules see separate data sheets

### 6K/AV - 6-Channel-Analogue-Module – voltage

- Number of inputs: 6 inputs, mass
- Measuring range: 0-2 VDC
- Resolution: 16 Bit
- Power supply: Switched power supply provided through LogTrans6

### 2K/S - 2-Channel-Analogue-Module – current

- Number of inputs: 2 inputs
- Measuring range: 0-20 mA
- Resolution: 16 Bit

### 8K/T - 8-Channel-Temperature-Module

- Connection: Designed for the connection of up to 8 units of temperature sensors of type 1 or 2 (Type 1: -20°C…+50°C; Type 2: -50°C…+150°C)
- Signal Output: RS 485 – UIT protocol
- Spannungsvorsorgung: Switched power supply provided through LogTrans6

### 8KC - 8-Channel-Counter-Module

- Number of counter inputs: 8 dry contacts
- Power supply: 5…25 VDC; 5 mA permanent supplied
- Interface: RS 485 – UIT protocol

Details subject to change, due to product development.
Extension module/ Network module for Data logger LogTrans 6 and LogTrans 16

### 5K/BF - 5-Channel-Soil-Moisture-Module
- **Number of inputs:** 5 inputs for soil moisture sensor SP 1 with RS 485 interface
- **Power supply:** Switched power supply provided through LogTrans6

### 4K/ST - 4-Channel-Radiation-Module
- **Number of inputs:** 4 inputs voltage + 1 input PT100
- **Measuring range:** 2 inputs: +/-12 mV and 2 inputs: +/-75 mV
- **Resolution:** 16 Bit
- **Input:** PT 100
- **Power supply:** Switched power supply provided through LogTrans6

### 4K/PT - 4-Channel-PT100-Temperature-Module
- **Pins:** Designed for connection of up to 4 units of PT 100
- **Option:** PT1000 respectively PT 500 on request
- **Way of connection:** Two-wire system, or four-wire system
- **Power supply:** Switched power supply provided through LogTrans6

### RS 232/ RS 485 converter
- **Available types:**
  - **Sensor 1:** GILL Ultrasonic Probe model Windsonic
  - **Further sensors:** On request
- **Power supply:** Switched power supply provided through LogTrans6

### Example of use:
Data logger LogTrans6-GPRS along with extension modules and connected soil-moisture sensors

Details subject to change, due to product development.