

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



Extension modules for Data logger
LogTrans6-GPRS

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

General technical data for extension modules

Interface:	RS 485 – UIT protocol
Housing:	Aluminum-cast metal housing with PG-fitting (brass, nickel plated)
Dimensions (LxWxH):	160mm x 100 mm x 81 mm – dimensions excluding PG-fitting

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
Spannungsversorgung:	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.



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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-Channal-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

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