

LogTrans-digi

Data logger including data transfer



Log Trans - digi
Data logger incl. wireless data transfer

- Data logging with automatically data transfer
 - Control of thresholds values
 - Low power consumption
 - Powerful digital interfaces
 - Completely SENSOver compatible
- Several types of data communication available
- Version 1: - GPRS
 - Version 2: - 868 MHz frequency band
 - Version 3: - Ethernet

Technical data

Interfaces:

Interfaces	MODBUS; RS 485 –UIT-Protocol; RS 232 suitable for camera K1
Analogue Inputs	Under use of extension module – see separate data sheet
Counter inputs	2 DI – Impulse or Status
Digital Output	2 DO – for switch of samplers or pumps depending of thresholds

Intervals/ Memory:

Sampling interval	1 s – 24 h customizable
Data transmission time	Adjustable, independent of sampling interval
Memory data	512 MB, approx. 1.000.000 recorded files
Memory pictures	512 MB, suitable for approx. 8.000 pictures

Data transfer:

Version 1	Wireless data transfer – GPRS/GSM modem, 4 band GSM/ GPRS
Version 2	Wireless data transfer - 868 MHz frequency band – XBee – max. 300 mW
Version 3	Ethernet
Interface	USB 2.0 for read out of data's and parameterization
Parameterization	PC software SENSOlog
Standard antenna	Roof antenna, 2 dB for data transfer version 1 and 2
SMS alarm notification in case of mounted GSM/ GPRS modem	Two freely selectable channels with up to 6 alarm thresholds 5 SMS messages for each alarm

Power supply:

Power supply – data logger	U _b 6-13 VDC, current consumption: sleep < 0,1 mA, measuring approx. 20 mA, data transfer: 100 mA up to 2 A
Variant 1 - integrated accumulator	Accumulator 12 V, 6,5 Ah for data logger and sensors
Variant 2 – solar	Additional solar control unit installed in the case
Variant 3 – power supply unit	Integrated power supply unit 220 VAC/ 12 VDC, 3 A

Environmental conditions:

Temperature operation range	-25 ..+60°C
Protection degree	IP 65
Size and case	Aluminum injection molding 330x230x115 mm

The data sheet described optional configuration. The detailed scope of delivery will be described with the quotation.



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