

# myDatanet<sup>at</sup>



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Technical Data	myDatalogMICRO	myDatalogMINI	myDatalogMINI PC	myDatalog8	myDatalog8PC	myDatalog16
inputs	1x analogue (0/4...20mA, 12bit ADC) and 1x digital (0...5/24V) 5µA resolution at 12bit 0,01% repetition accuracy	3x analogue (4...20mA, 12bit ADC) or 3x digital (0...5/24V) digital 1W-BUS for temperature sensor 5µA resolution at 12bit 0,01% repetition accuracy	3x analogue (4...20mA, 12bit ADC) or 3x digital (0...5/24V) digital 1W-BUS for temperature sensor 5µA resolution at 12bit 0,01% repetition accuracy	8x analogue (0/4...20mA, 12bit ADC) or 8x digital (2x impulse) pulse width min. 30ms 5µA resolution at 12bit 0,01% repetition accuracy optional: 4 channel upgrade	8x analogue (0/4...20mA, 12bit ADC) or 8x digital (2x impulse) pulse width min. 30ms 5µA resolution at 12bit 0,01% repetition accuracy digital 1W-BUS for temperature sensor	8x analogue (+/- 0/4...20mA, 16bit ADC) and 8x digital 0,5µA resolution at 16bit 0,005% repetition accuracy optional: 24bit ADC
input set	0...20mA, 4...20mA, 0...2V, 0...10V, trigger, counter (day, interval, frequency), PWM	0...20mA, 4...20mA, 0...2V, 0...10V, trigger, counter (day, interval, frequency), PWM	0...20mA, 4...20mA, 0...2V, 0...10V, trigger, counter (day, interval, frequency), PWM	0...20mA, 4...20mA, digital, day counter, interval counter	0...20mA, 4...20mA, digital, day counter, interval counter	0...20mA, 4...20mA, digital
outputs	-	1x analogue (4...20mA) 1x digital	1x analogue (4...20mA) 1x digital frequency output for pump controller	optional: analogue 2 channel upgrade optional: digital 6 channel upgrade	1x analogue (4...20 mA) 1x digital frequency output for pump controller	4x analogue (0/4...20mA) 16 bit 4x digital
data interface	optional: RS485 modbus RTU slave	optional: RS485 (protocols on request)	-	-	-	4x RS485 (protocol on request)
measurement storage	50.000 measurements	50.000 measurements	50.000 measurements	440.000 measurements	440.000 measurements	2.000 measurements
measurement interval	from 1 minute, freely adjustable	from 1 minute, freely adjustable	from 1 minute, freely adjustable	from 1 minute, freely adjustable	from 1 minute, freely adjustable	from 1 minute, freely adjustable
transmission	GPRS Quad Band	GPRS Quad Band	GPRS Quad Band	GPRS Quad-Band	GPRS Quad-Band	GPRS Quad-Band
transmission interval	from 10 minutes, freely adjustable	from 10 minutes, freely adjustable	from 10 minutes, freely adjustable	from 10 minutes, freely adjustable	from 10 minutes, freely adjustable	from 10 minutes, freely adjustable
monthly data volume *	< 5 MB	< 5 MB	< 5 MB	< 5 MB	< 5 MB	< 5 MB
sensor power supply	5-30VDC max. 100mA	5-30VDC max. 100mA	5-30VDC max. 100mA	24 VDC / 200mA	24 VDC / 200mA	12 or 24 VDC / 230mA
power supply	5-30VDC (0,48A @ 5,5V)	5-30VDC (0,48A @ 5,5V)	5-30VDC (0,48A @ 5,5V)	110...230 VAC 50/60Hz resp. 12 or 24 VDC max. 15W	110...230 VAC 50/60Hz resp. 12 or 24 VDC max. 15W	110...230 VAC 50/60Hz max. 30W Optional 12 or 24 VDC
indication	LED for status of the instrument	LED for status of the instrument	LED for status of the instrument	illuminated, monochrome graphical display	illuminated, monochrome graphical display	illuminated, 5,7" colour graphical display
indication via mobile phone or internet	instrument status - active and alarm, GSM-level, voltage, temperature, measurements	instrument status - active and alarm, GSM-level, voltage, temperature, measurements	instrument status - active and alarm, GSM-level, voltage, temperature, measurements	instrument status - active and alarm, GSM-level, voltage, electricity, CPU temperature, measurements	instrument status - active and alarm, GSM-level, voltage, electricity, CPU temperature, measurements	instrument status - active and alarm, measurements
configuration	miniUSB-interface	miniUSB-interface	miniUSB-interface	12 button keypad	12 button keypad	10 display-control keys

### General Data

casing	aluminium	aluminium	aluminium	PC	PC	PC
dimensions W/H/D mm	73/54/25 (2.87"/2.13"/0.98")	73/54/25 (2.87"/2.13"/0.98")	73/54/25 (2.87"/2.13"/0.98")	23/214/120 (9.41"/8.43"/4.72")	239/214/120 (9.41"/8.43"/4.72")	235/265/136 (9.25"/10.43"/5.35")
weight	approx. 100g (0.220lb)	approx. 100g (0.220lb)	approx. 100g (0.220lb)	approx. 2000g (4.409lb)	approx. 2000g (4.409lb)	approx. 3100g (6.834lb)
protection class of the casing	IP20	IP20	IP20	IP65	IP65	IP65
ambient temperature	-30°C...60°C / -22°F...140°F	-30°C...60°C / -22°F...140°F	-30°C...60°C / -22°F...140°F	-10°C...50°C / 14°F...122°F	-10°C...50°C / 14°F...122°F	0°C...40°C / 32°F...104°F
storage and transportation temperature	-30°C...85°C / -22°F...185°F	-30°C...85°C / -22°F...185°F	-30°C...85°C / -22°F...185°F	-20°C...70°C / -4°F...158°F	-20°C...70°C / -4°F...158°F	-20°C...70°C / -4°F...158°F
ambient relative humidity	15%...90% r.H.	15%...90% r.H.	15%...90% r.H.	15%...90% r.H.	15%...90% r.H.	15%...90% r.H.
safety requirements	EN61010-1	EN61010-1	EN61010-1	EN61010-1	EN61010-1	EN61010-1
electromagnetic compatibility	EN61326 class A	EN61326 class A	EN61326 class A	EN61326 class B	EN61326 class B	EN61326 class B
mounting	fastening clips for electrical control box	fastening clips for electrical control box	fastening clips for electrical control box	fastening clips for electrical control box and wall fastening	fastening clips for electrical control box and wall fastening	fastening clips for electrical control box and wall fastening
order number	206.200	206.205	206.215	206.208	206.218	206.216

\* at 1 minute measurement interval and 240 minutes transmission interval  
subject to change without prior notice



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**Microtronics<sup>at</sup>**

Microtronics Engineering GmbH  
Hauptstrasse 7 | A-3244 Ruprechtshofen  
Tel: +43 2756 77180 Fax: +43 2756 77180 33  
office@microtronics.at | www.microtronics.at