

unio FLOW

Product:**unio FLOW**

Status:

22.07.2024

unio**unio+**

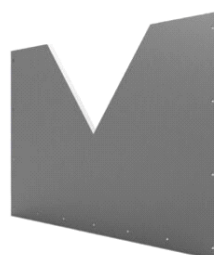
Inputs	4x analog or digital and 4x remote sensors (feature activation)	4x analog or digital and 4x remote sensors (feature activation)
Input configuration	0...20mA / 4...20mA	0...20mA / 4...20mA
	0...2V / 0...10V	0...2V / 0...10V
	PWM	PWM
	Frequency	Frequency
Measuring range / Resolution	Digital / Counter	Digital / Counter
	0...20mA / 4...20mA: 6.3µA, load 96R	0...20mA / 4...20mA: 6.3µA, load 96R
	0...2V: 610µV	0...2V: 610µV
	0...10V: 7.97mV	0...10V: 7.97mV
	PWM: 100Hz	PWM: 100Hz
	Frequency: 1kHz	Frequency: 1kHz
Sensor supply	Digital: 100ms	Digital: 100ms
	Counter: 1ms	Counter: 1ms
Temperature sensor	2 x switchable 3.3V supply (max. 180mA)	2 x switchable 3.3V supply (max. 180mA)
	1 x switchable and from 1 second adjustable sensor supply range 5...24V	1 x switchable and from 1 second adjustable sensor supply range 5...24V
Internal sensors and measured values	Input 1x PT100/1000	Input 1x PT100/1000
Serial interfaces, Bus interfaces	Input voltage	Eingangsspannung
	SOC (state of charge)	SOC (state of charge)
	Battery life in days	Battery life in days
	Mobile phone strength	Mobile phone strength
Outputs	Humidity and temperature in the device	Humidity and temperature in the device
	1 x RS485 (feature activation)	1x RS232 (Featureaktivierung)
	1 x RS485 (Featureaktivierung)	1 x RS485 galvanically isolated (option)
		1 x RS485 (feature activation)
Supply		1x SDI 12 (option)
	1x potential-free switching contact	1x potential-free switching contact
Battery life	Supply battery or rechargeable battery	Supply battery or rechargeable battery
	PV or direct supply from 9...32VDC	Battery or rechargeable battery PV or direct supply
Protection class	PSU supply concept	PSU supply concept
	Battery life up to 5 years	Battery life up to 5 years
Display	Battery life up to 2 years	Battery life up to 2 years
	IP66	IP66 / IP68 (IP68: 105days@1m)
Dimensions	RGB-LED	RGB-LED
	86 x 175 x 64mm (without antenna)	1.5" full color display (option)
Data transmission	2G/M1/NB1 World	130 x 250 x 78mm (without antenna)
		2G/M1/NB1 World
		2G/3G/4G World

unio FLOW

Product:**unio FLOW**

Status:

22.07.2024

Level sensor**Weir panel**

Measuring range:	0..10 meters water column	V-weir 0..15 l/s, V-weir 0..5 l/s
Accuracy:	0.1%	
Medium suitability:	drinking water, water	
Permissible medium temperature:	-20..+80 °C (icing not permitted)	
Materials in contact with medium:	Stainless steel 316L / Viton / PE	
Protection class:	IP68	
Dimensions without plug, without cable:	28.5x48x61 mm	
Sensor cable:	15 m, 5x0.22 mm², shielded, D=7.3 mm	
EMC conformity:	EN 61006-6-1 to -6-4	
	EN 61326-1 and -2-3	
Housing / Material	Dimensions: Ø 22mm x 106 mm / stainless steel	stainless steel