

Fountain monitoring





Water level sensors

Reliable water level detection

+ Reports the water level to the system, allowing different water levels to be quickly compensated

+ Reports water level to prevent overflow of a basin

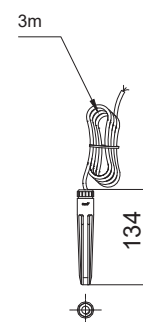
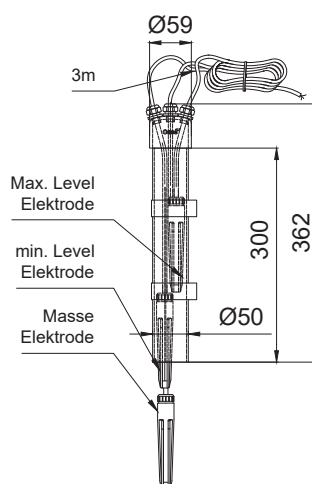
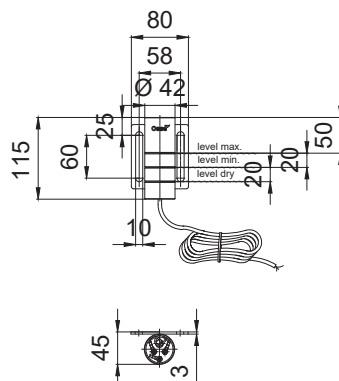
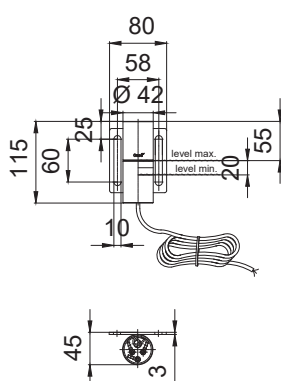
+ Sensitive control of the water level even with major differences in levels

+ Allows automatic fresh water replenishment when the water level drops

+ Waterproof to IP68

+ Dry run protection fuse, depending on the model

+ Differences in levels from 20 to 2000 mm depending on the model

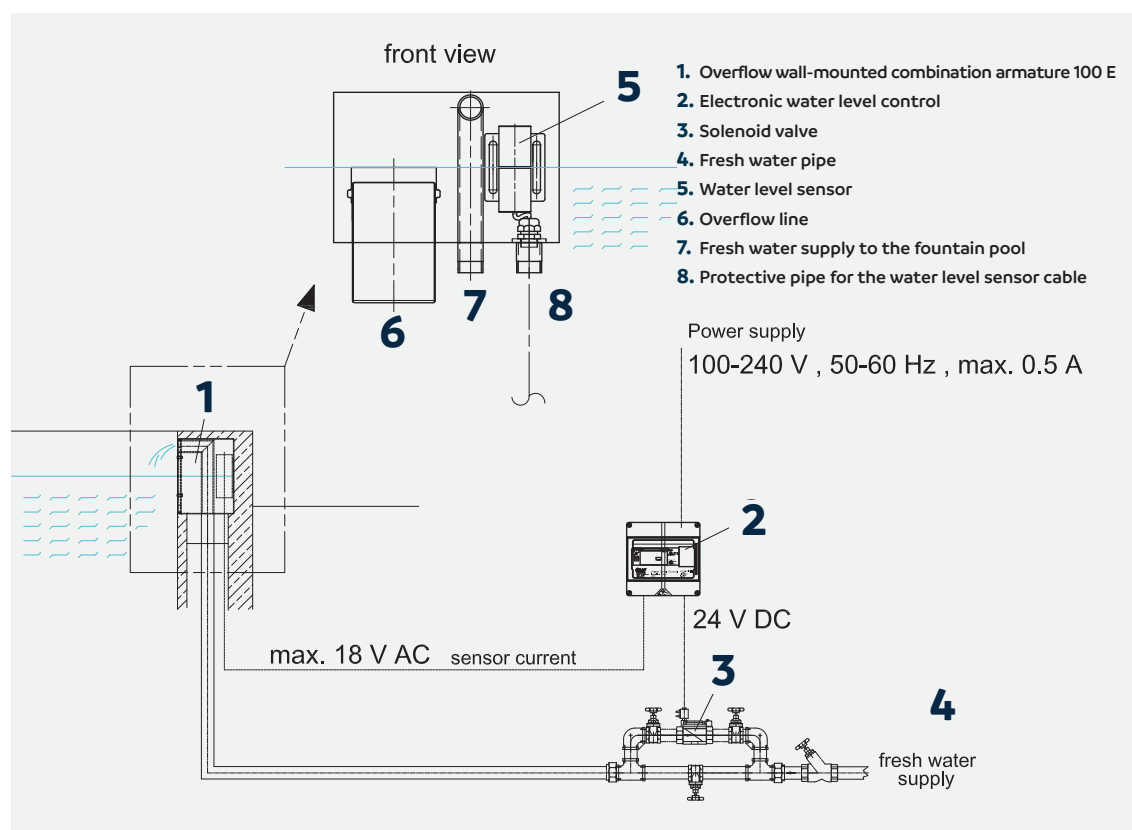


Water level sensor 20-3

Water level sensor 20-4

Water level sensor 2000-3/5

Supplemental electrode 2000-1



POWER & PROGRAMMING

Fountain monitoring Water level sensors

Suitable for
Fresh water and pool water



ACCESSORIES

Product		Item no.
Electronic water level control 1	> Page 334	51554
Electronic water level control 2	> Page 334	55846
Solenoid valve ½" 24 V	> Page 335	51556
Solenoid valve 1" 24 V	> Page 335	51557

TECHNICAL DATA

Product	Water level sensor 20-3	Water level sensor 20-4	Water level sensor 2000-3/5	Supplemental electrode 2000-1
Dimensions (L × W × H) [mm]	115 × 80 × 46	115 × 80 × 46	315 × 135 × 150	150 × 125 × 75
Housing	Stainless steel	Stainless steel	Plastic	Plastic
Protection class	IP68	IP68	IP68	IP68
Electrodes [Unit]	3	4	3	1
Common electrode [Unit]	1	1	1	–
Minimum electrode [Unit]	1	1	1	–
Maximum electrode [Unit]	1	1	1	–
Dry running [Unit]	–	1	–	1
Level difference [mm]	20	20	Max. 2500	Max. 2500
Cable length [m]	10.00	10.00	3.00	3.00
Weight [kg]	2.20	2.30	2.50	0.30
Item no.	51559	53918	55845	55843

Electronic water level controllers

Automatic water level control and regulation

+ Water level controller consisting of a combination of water level regulator and a suitable ½" or 1" solenoid valve as well as corresponding water level sensors

+ Protected to IP54

+ Water level controllers in a robust plastic housing, with connections for three or four electrodes, depending on the model

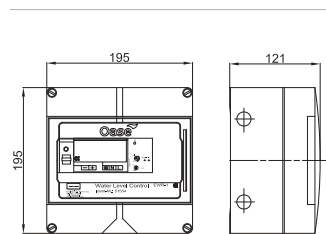
+ Electronic monitoring of water level to prevent overflow and dry running



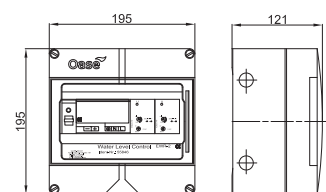
+ For automatic fresh water refill: Solenoid valves for installation in the fresh water supply line of a fountain pool or a water reservoir

+ Electronic water level control 2, suitable for dry run protection and alarm monitoring

i System illustration on
> Page 333



Electronic water level control 1



Electronic water level control 2

TECHNICAL DATA

Product	Electronic water level control 1	Electronic water level control 2
Dimensions (L × W × H) [mm]	180 × 180 × 124	180 × 180 × 124
Housing	Plastic	Plastic
Protection class	IP54	IP54
Voltage	100–240 V/50–60 Hz	100–240 V/50–60 Hz
Solenoid valve	230 V/50 Hz	230 V/50 Hz
	[A]	5
Solenoid valve	24 V DC	24 V DC
	[A]	0.5
Pump	230 V/50 Hz	230 V/50 Hz
	[A]	5
Switches/pushbuttons	1	1
Indicator lights	1	1
Connections for electrodes	3	4
Dry running protection	No	Yes
Alarm monitoring	No	Yes
Weight [kg]	1.24	1.36
Item no.	51554	55846

Solenoid valves

Opening and closing of the water supply

POWER & PROGRAMMING

Fountain monitoring

Solenoid valves

Suitable for

Fresh water

Voltage

24 V DC

Water level controller consisting of a combination of water level regulator and a suitable ½" or 1" solenoid valve as well as corresponding water level sensors

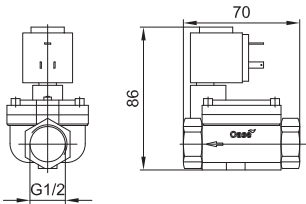
Normally closed solenoid valves



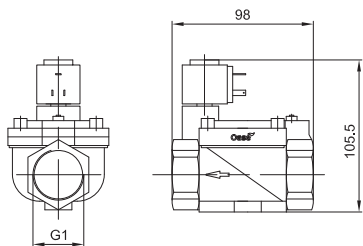
For automatic fresh water refill: Solenoid valves for installation in the fresh water supply line of a fountain pool or a water reservoir

Protected to IP65

System illustration on > Page 333



Solenoid valve ½" 24 V



Solenoid valve 1" 24 V

TECHNICAL DATA

Product	Solenoid valve ½" 24 V	Solenoid valve 1" 24 V
Dimensions (L × W × H)	67 × 45 × 88	96 × 70 × 108
Function	Normally closed	
Nominal diameter	G ½	G 1
Ways	2/2	2/2
Voltage	24 V DC	24 V DC
Duty cycle	100%	100%
Protection class	IP65	IP65
Pressure range [bar]	0.3–20	0.5–16
Material	Brass	Brass
Weight [kg]	0.50	1.30
Item no.	51556	51557

POWER &
PROGRAMMING

Fountain
monitoring

Wind-dependent
fountain control

Voltage
24 V DC

Wind-dependent fountain control

Protect passers-by and save water



Wind force measurement via anemometer, also available with wind direction indicator on request



Wind-dependent adjustment of the fountain height ensures an attractive water pattern



Individually switchable pumps or three-stage shutting down of the pumps is possible



Depending on the wind strength, the fountain height can be controlled in three steps or switched off



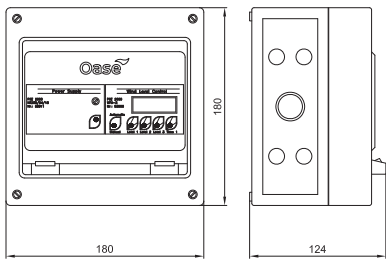
No annoying spray for passers-by



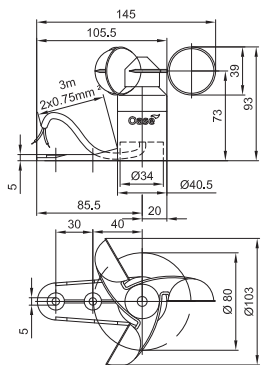
Saves water by reducing the height of the fountains or switching them off completely depending on the wind situation



Protected to IP54 (controller) or IP33 (anemometer)



Wind-dependent fountain control 3 K



Anemometer K

TECHNICAL DATA

		
Product	Wind-dependent fountain control 3 K	Anemometer K
Dimensions (L × W × H)	[mm] 180 × 180 × 124	145 × 103 × 93
Housing	Plastic	Plastic
Protection class	IP54	IP33
Voltage	230 V/50 Hz	24 V DC
Switches/pushbuttons	5	–
Indicator light	1	–
Control lines	3	–
Contact load	[A] 5	–
Weight	[kg] 2.20	0.80
Item no.	51838	53913

Remote maintenance solutions

Everything under control, even remotely – with reliable M2M technology

POWER &
PROGRAMMING

Fountain
monitoring

Remote
maintenance
solutions

Voltage
24 V DC

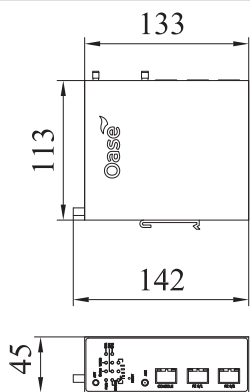
+ Robust industrial mobile radio router with DIN mounting rail; suitable single-phase switch-mode power supply unit also available

+ Reliable Internet connection via GPRS, UMTS and 4G LTE

+ Router temperature range: -25°C to +70°C

+ Router with two Ethernet ports and two SMA-F antenna ports

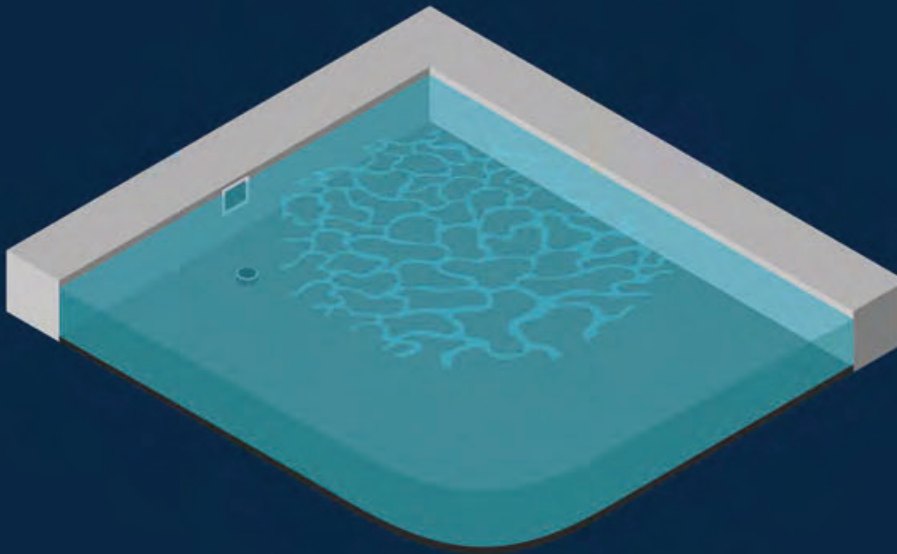
+ High data security: Support for OpenVPN and IPSec protocols



TECHNICAL DATA

Product	WECS® LTE router	
Dimensions (L × W × H)	[mm]	133 × 45 × 113
Housing		Metal
Protection class		IP30
Weight	[kg]	0.60
Item no.		43872

We ensure the purest pleasure in this regard, too.



Creating clear conditions and removing contamination produced by your fountain system: The mechanical and biological products ensure that the water quality is always first-class. Whether you're looking for a skimmer to remove organic materials from outdoor installations using suction, or environmentally friendly additives to regulate parameters such as pH value and lime content: OASE offers everything you need from a single source to guarantee that your system will work reliably for many years to come.

Water quality

FILTRATION AND SKIMMER



Sand filter system

[> Page 344](#)



Wall skimmer

[> Page 346](#)

WATER TREATMENT



Clear Fountain System II

[> Page 350](#)

 **MORE INFORMATION**

Overview of water quality [> Page 341](#)



OVERVIEW OF WATER QUALITY

Product	Suitable for			Voltage	Frequency	Page
	Fresh water	Pool water	Salt-water			
Filtration and skimmer						
Sand filter system				220–240 V	50 Hz	344
Wall skimmer						346
Water treatment						
Clear Fountain System II				220–240 V	50 Hz/60 Hz	350