



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
Electronic water level control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Solenoid valve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## ELECTRONIC WATER-LEVEL REGULATOR EWR 1, EWR 2 AND SOLENOID VALVES MV 0.5" 24V, MV 1" 24V

The EWR water-level regulator can be used for electronic water-level monitoring, and consequently for automatic top-up infeed of pool water, but it can also be used to switch off pump systems in the event of dry run.

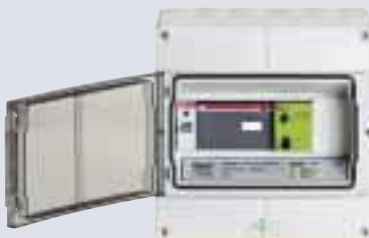
### Product characteristics at a glance

- Electronically monitoring of water level
- Automatic top-up infeed of pool water
- Automatic switch off of pump technology when using water-level sensors incl. dry-run protection electrode

OASE solenoid valves to top-up pool water are installed in the fresh water infeed line of a pool system or in a water reservoir.

### Product characteristics at a glance

- For automatic regulation of the water level



Electronic water level control 1



Electronic water level control 2



Solenoid valve 1/2" 24 V

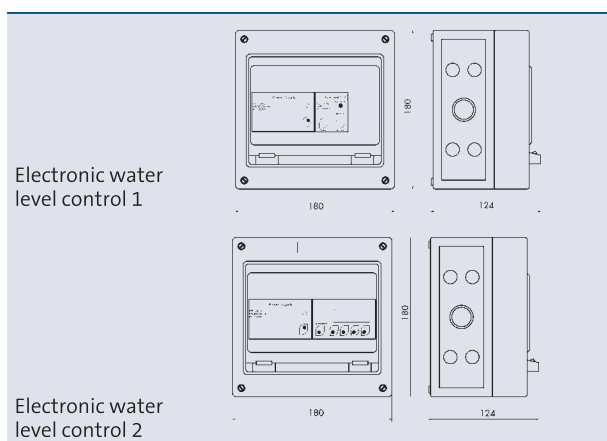


Solenoid valve 1" 24 V

The water-level control device essentially consists of an electronic water-level regulator, a water-level sensor, and a solenoid valve. Depending on the area of implementation individual components are available in different models.

In automatic mode, and if there is an empty pool, the solenoid valve in the fresh water in feed line opens and the water flows until it reaches the maximum electrode. As soon as the maximum electrode is reached a non-hazardous control current flows between the maximum electrode and the common electrode. This switches the solenoid valve off and water infeed is interrupted. If the water level drops to a level where the minimum electrode is no longer covered with water, the control current will be interrupted. The solenoid valve opens and allows water to flow until the water level has reached the maximum electrode and the control current flows again.

For greater reliability and safety there are only 24-Volt models.



		Electronic water level control 1	Electronic water level control 2
Dimensions (L x W x H)	[mm]	180 x 180 x 124	180 x 180 x 124
Housing		plastic	plastic
Protection class		IP 54	IP 54
Voltage	[V/Hz]	100–240 / 50–60	100–240 / 50–60
Solenoid valve	[V/Hz]	230/50	230/50
	[A]	5.0	5,0
Solenoid valve	[V/DC]	24	24
	[A]	0,5	0.5
Pump	[V/Hz]	230/50	230/50
	[A]	5.0	5.0
Switch/Button		1	1
Indicator lights		1	1
Connections for electrodes		3	4
Dry-run protection		no	yes
Alarm monitoring		no	yes
Weight	[kg]	2.1	2.1
<b>Order no.</b>		<b>51554</b>	<b>55846</b>

		Solenoid valves ½" 24 V	Solenoid valves 1" 24 V
Dimensions (L x W x H)	[mm]	67 x 45 x 88	96 x 70 x 108
Function		normally closed	normally closed
Nominal diameter		½"	1"
Directions		2/2	2/2
Voltage	[V/DC]	24	24
Duty cycle		100 %	100 %
Protection class		IP 65	IP 65
Pressure range	[bar]	0.4 – 10	0.4 – 10
Material		brass	brass
Weight	[kg]	0.5	1.3
<b>Order no.</b>		<b>51556</b>	<b>51557</b>