

Solenoid valve water M12

Manual



Product type

Product name:	SENECT® Solenoid valve water M12
Type:	MVW-M12-SC
Art.-Nr.:	3010
Producer:	SENECT GmbH & Co. KG An 44 – Nr. 11 76829 Landau / Germany

Important note:

Please read these operating instructions carefully and keep them for future reference. Read the warning and safety instructions carefully. Check your system daily.

Updates to the instructions for use are available at

www.senect.de

Answers to frequently asked questions and suggestions for application and operation can be found in our forum at





<http://forum.senect.de>

© SENECT GmbH & Co. KG - FW 00.90

Table of contents

Product type	2
Table of contents.....	3
Used symbols and wording	4
General Security Notes.....	4
Intended use.....	5
Getting started	6
Scope of delivery	6
Note.....	6
Technical information	8
Information about the correct disposal	9
Guarantee.....	10

Used symbols and wording

	<p>DANGER! Warning of life threatening dangers.</p> <p>WARNING! Warning of possible life threatening and / or severe irreversible injuries.</p> <p>ATTENTION! Warning of possible medium or slight injury.</p>
	<p>ATTENTION! Follow the notes to avoid damage of equipment</p>
	<p>NOTE! Further information for the use of the device!</p>
	<p>ATTENTION! Warning of possible hot surfaces.</p>

General Security Notes

The solenoid valve M12 is an electrically controlled solenoid valve for water.



As this is an electrical product, the usual requirements, as with all electrical appliances, must be met. The device may only be operated with compatible control units or control units approved by SENECT. The device and all connected cables must be installed and operated protected from moisture and wetness. When laying all cables and lines, care must be taken that no safety-relevant impairments such as tripping hazards occur. For many applications, fuse protection by a residual current circuit breaker with a tripping current < 30 mA is mandatory. Find out more about this.

Make sure that there are no inflammable objects in the vicinity of the valve.

The device must be installed protected from overheating by direct sunlight and must only be operated at an ambient temperature of between 0°C and +40°C. It is forbidden to open the device or to penetrate the inside of the housing in any way.

The M12 solenoid valve is not intended for use by persons (including children) with limited physical, sensory or mental abilities or for lack of experience and/or knowledge, unless they are supervised or instructed by a person responsible for their safety on how to operate the appliance.

Please keep these instructions for use as a reference. Subject to technical and optical changes as well as printing errors.

Intended use

The M12 solenoid valve is used to control the flow of water through pipelines with a maximum operating pressure of 12 bar in industrial fish farms and freshwater fish keeping installations.

Getting started

Scope of delivery

- 1 x Solenoid valve M12 incl. cable
- 1 x Manual

Note



Please make sure that the packaging was undamaged and not opened before commissioning and that all positions indicated in the scope of delivery are present. If you discover any defects, damage or the absence of items included in the scope of delivery, please report this immediately within 14 days. Subsequent complaints about defects that have already occurred before commissioning can no longer be accepted.

Installation and start-up



1. The solenoid valve is installed directly in the  pipeline. First stop the water supply.
2. For installation, the connections of the water pipe and the fresh water feeding pipe, e.g. of the drum filter or the pond system, are sheathed with commercially available sealing tape (e.g. made of Teflon) and the solenoid valve screwed in.
-  3. Pay attention to the **installation direction!** On the underside of the solenoid valve there is an arrow indicating the direction of the flowing water. Screw the solenoid valve hand-tight and check the tightness of the screw connections.



Figure 1: Bottom view. The arrow indicates the direction of flow.

4. Connect the connection cable to your SENECT controller at one of the actuator slots (label OUT).
5. Open the water supply to the solenoid valve again and check the tightness of the screw connections.
6. Now you can set the water feeding control in the menu.

Technical information

Dimensions:	93 (installation length) x 113 x 73 mm
Cable length:	5 m
Process connection:	G1" inner-thread
Voltage:	24 V DC
Power consumption:	Typ. 10 W
Temperature range:	0° to +90 °C medium 0° to +40°C surrounding
Maximum pressure:	12 bar
Ingress protection:	IP 67

Information about the correct disposal



Your device is well packed at delivery. Please dispose the packaging material accordingly to the regulations in your country.

Do not throw the product in the casual litter bin. Make sure you are informed about the local disposal regulations and dispose your product accordingly. Alternatively, you can also send the product back to the producer.

The SENECT GmbH & Co. KG is member of the Stiftung Elektro-Altgeräte Register and the products are registered (WEEE-Reg.-Nr.: DE37193510).

Guarantee



Please check at delivery of your device, that all parts are delivered completely and that they function correctly. In case of any claims, contact us immediately per email or phone (info@senect.de or +49-6341 - 95 95 210). Please describe your claim as detailed as possible so that we can provide a solution as fast as possible. The product has a guarantee of 1 year and a warranty of 2 years. Furthermore, the § 377 HBG (German law) is valid.