

Manual 868 MHz Aquarius M2M 2F

Aquarius transmitter and receiver

Number of functions: Max. 2

Functions

When you put voltage on wire 7 and/or 8 of the transmitter, there will be an output voltage on, respectively, wire 4 and 5 of the receiver.

The transmitter will only send if there is put a voltage to - at least one of the wires - 7 and/or 8.

Mounting

To optimize the range of the transmitter, it is recommended to place the antenna of the receiver as high as possible and free of any metal objects. After connecting and mounting it is recommended to test the device before connecting the main powersource. In case of malfunction check the fuse in the transmitter and the receiver.

Cable scheme transmitter is as follows:

Description	Wire
Input 1	7
Input 2	6
Powersupply 8-38Vdc	1
Ground	Green/yellow

Cable scheme receiver is as follows:

Description	Wire
Output 1	4
Output 2	5
Powersupply 8-38Vdc	1
Programming wire	7*
Ground	Green/yellow

* Connect Programming wire Nr. 7 to ground.



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Please note: All systems are already programmed by the manufacturer.

Programming a new or extra transmitter into the receiver.

If you wish to program a new or extra transmitter into the receiver, please follow the steps shown below:

Stap	Omschrijving
1.	Make sure the transmitter and receiver has been connected properly and that it is powered
2.	Connect wire nr. 7 of the receiver with the powersource (V+) for a maximum of 3 sec. (If you connect wire nr. 7 longer than 8 sec., all transmitters will be deleted from the system)
3.	The status LED on the Aquarius receiver will light up
4.	Connect wire 7 & 8 of the <u>transmitter</u> to Powersource (V+) so the LED will burn up)
5.	The status LED on the <u>receiver</u> will blink slower now
6.	The transmitter is now programmed in the receiver
7.	If you wish to program an transmitter, follow these steps again for every additional transmitter
8.	After programming, reconnect wire nr. 7 to ground (V-)
9.	After mounting, wires that are not used can be cut off and must be isolated
10.	To delete all programmed transmitters connect wire no. 7 for at least 8 seconds to powersource (V+). To reprogram your transmitters into the receiver, follow the steps 1 to 10 again

All deliveries will be subject to our general sales conditions, available on demand or through our website. Our products are certified for many applications. When mounting, always take into account the applicable machine directives.

Technical specifications

Aquarius receiver:	
Operating voltage	8-38 Vdc
Fuse	10 A
Powersurge	15 mA
Max. output Amps	4A (at 24 Vdc) each output
Cable length	2.5 meters
IP classification	IP-68 (waterproof)

Standard scope of delivery

Aquarius transmitter & Aquarius receiver
2 antennas 868 MHz.

Extra options:

Coax extension cable and torque piece, available lengths: 1 meter, 2 meters or 5 meters.

The receiver can be programmed with a maximum of 54 transmitters.

Buttonlock function (bi-stable output contact), PWM (dimmer), timer (output active during certain time). Or a combination of these options.

Dimensions:

95x150x30.

Weight:

508 gr.



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