

The aquareader® module is an automatic readout device with an M-Bus or CS interface. The module does not require a battery as it is supplied with energy when connected to a powered bus. If the water meter is equipped with a RFID-tag, the aquareader® will take the data from the tag, set its own parameters and thus be operational in seconds. Upon request, the aquareader® system module reads out the current meter reading, the identification number, the nominal width and the medium. It can then be disconnected again from the bus. Readouts and manual configuration require AMBUS® WIN II software for the M-Bus version and AMBILL® pocket for the CS version (for system requirements, see software documentation).



aquareader® CS	Version	Art. No.
CS interface	with socket system Volag (IP 54)	80754
	with socket system BKW (IP 32)	80756
	with cable gland (IP 66)	80755
Reading	via CS interface on the meter or via remote transmission	
Readout	actual meter reading, identification number of meter, medium, nominal width	
Data interface	CS interface according IEC 62056-21 (IEC 1107), 300 to 9600 Baud	
Parameterization	automatically from data of RFID tag or manually with parameterization software	
Parameterization software	AMBILL® pocket	
Ingress protection	IP 66	
Power supply	via the CS interface	
Ambient temperature	0 to 55 °C	
Transport and storage temperature	-20 to 70 °C	
Permissible ambient humidity	max. 98% relative humidity	



aquareader® M-Bus	Version	Art. No.
M-Bus	with socket system Volag and (IP 54)	80751
	with socket system BKW (IP 32)	80753
	with cable gland (IP 66)	80752
Reading	via M-Bus interface on the meter or via remote transmission with the radio controller aquaradio® smart M-Bus	
Readout	actual meter reading, identification number of meter, medium, nominal width	
Data interface	M-Bus according EN 13757 (EN 1434-3), 300/2400* /9600 Baud	
Addressing	primary address 0* -250 / secondary address 8-digit extended secondary address with manufacturer's ID	
Parameterization	automatically from data of RFID tag or manually with AMBUS® Win II	
Parameterization software	AMBUS® Win II	
Ingress protection	IP 66	
Power supply	M-Bus max. 1.5 mA (standard load)	
Ambient temperature	0 to 55 °C	
Transport and storage temperature	-20 to 70 °C	
Permissible ambient humidity	max. 98% relative humidity	

* **Factory settings**

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