




Environmental Product Declaration

Product	Type of equipment / Product No.	WFZ311	M-bus add-on module
	Product line, product range	Qmodule	
Process control	QUNDIS GmbH Sonnentor 2 99098 Erfurt, Germany		
	Management System	since	by
	ISO 9001 (Quality)	13.03.1995	GUTcert GmbH
	ISO 14001 (Environment)	18.02.2003	GUTcert GmbH
	EMAS (Environment)	25.10.2015	GUTcert GmbH
Product use	Typical energy consumption	8kWh/a	
	Maintenance	Not necessary	
Risk of fire	Fire protection according to	EN 62368-1	
	Fire load	1MJ	
Packaging	Plastic - Other	Packaging bag	2g
Materials	Total weight of device	38g	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	ABS	Housing	4g
Metals	Steel >5% alloyed; galvanized	screw	1g
Others	Cu PVC	Cable	20g
	MC28/W228 NF - two liquid components	Epoxy Casting Compound	5g
PCBAs (Printed Circuit Board assembled)	FR4; halogenated; solder SnPb	PCB	8g
Special components (part of the assembled PCB)	1st battery / accumulator	3V Lithium Manganese Cell - CR2032 1pcs	
	Weights in brackets are already included in components declared under materials. (part of the assembled PCB)		
Disposal		The device is classified as waste electronic equipment in terms of the European Directive 2012/19/EU (WEEE) and must not be disposed of as unsorted municipal waste. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.	

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

Regulation (EC) No. 1907/2006 (REACH)

The device contains the following substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.

1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME), CAS-Nr.110-71-4

(Status according to the creation date of this document.)

Building Parts

The device is low-halogen with exception of:
PCB (TBBA); PVC cable

Legal Disclaimer: This declaration is for information purpose only.

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

QUNDIS GmbH therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.

A5W00047623-AB-002

27.07.2020