



Environmental Product Declaration

Product	Type of equipment /	WSM506-FE	ultrasonic heat meter
	Product No.	WSM515-FE	ultrasonic heat meter
		WSM525-FE	ultrasonic heat meter
	Product line, product range WSM5		
Process control	Siemens Switzerland Ltd Building Technologies Division Gubelstrasse 22 CH-6301 Zug		
	Management System	since	by
	ISO 9001 (Qualität)	22.07.1986	SQS
	ISO 14001 (Umwelt)	20.10.1998	SQS
	OHSAS 18001 (Arbeit u Gesundheit)	01.01.2011	SQS
Maintenance	Zum Betrieb des Gerätes notwendige Energie wird durch Batterien		
	nicht nötig		
Risk of fire	Fire protection according to	EN 60730	
	Fire load	variant *) see below	
Packaging	20-PAP Wellpappe	Karton	65g
	22-PAP Papier	Bedienungsanl. SBT 18-sprachig	124g
	Notes on disposal	Einweg, rezyklierbar	
Materials	Total weight of device	variant *) see below	
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.		
Plastics	PC; GF 10%; halogenfrei	Unterteil	28g
	ABS; halogenfrei	Deckel	22g
	TPE-S; halogenfrei	Deckeldichtung	3g
	PC; halogenfrei	Batteriefachdeckel	12g
	PPS; halogenfrei	Fühleradapter	6g
	EPDM; halogenfrei	O-Ringe	2g
	TPE-S; halogenfrei	Gummimatte	6g
	PBT; GF 30%; halogenfrei	Schallkopfabdeckung	25g
	PA; GF 40%; halogenfrei	Messrohr 110 QN0,6	variant
	PA; GF 40%; halogenfrei	Messrohr 110 QN1,5	variant
	PA; GF 40%; halogenfrei	Messrohr 130 QN2,5	variant
	EPDM; halogenfrei	Gummiflächdichtung 110	variant
	EPDM; halogenfrei	Gummiflächdichtung 130	variant
	Metals	Stahl >5% legiert; blank	Stahlkomponenten 110
Stahl >5% legiert; blank		Stahlkomponenten 130	variant

	Cu	Kupferkomponenten	1g
	Stahl	Plombe	2g
Others	Lithium-Thionylchlorid	Batterien	54g
	Cu/PVC	Kabel / Draht (Steuerleitung)	54g
	Cu/TPE-U	Temperaturfühler	65g
	Piezokeramik (PZT)	Ultraschallwandler	1g
PCBAs (Printed Circuit Board assembled)	FR4; halogenhaltig; solder SnAgCu	Hauptleiterplatte	28g
	FR4; halogenhaltig; solder SnAgCu	wM-Bus Leiterplatte	8g
Special components (part of the assembled PCB)	Passive Bauteile		157pcs
	Aktive Bauteile		8pcs
	Ics		6pcs

Weights in brackets are already included in components declared under materials. (part of the assembled PCB)

***Variant parts list**

	WSM506-FE	WSM515-FE	WSM525-FE									
Total weight of device [g]	374	374	395									
Messrohr 110 QN0,6	54											
Messrohr 110 QN1,5		53										
Messrohr 130 QN2,5			73									
Gummiflachdichtung 110	2	2										
Gummiflachdichtung 130			2									
Stahlkomponenten 110	6	6										
Stahlkomponenten 130			6									
Fire load [MJ]	7	7	8									

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.

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

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no 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.

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

The device is halogen-free with exception of:

Kabelteile (ETFE Aderisolation); Dämpfungskörper der Ultraschallwandler (FKM); Leiterplatte (TBBA)

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.

Siemens Switzerland Ltd 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.