

Environmental declaration for HDT2200

Information about manufacturer and product		
Manufacturer	Product	Packaging
E+E Elektronik	Humidity transmitter HDT2200	cardboard
Address und telephone	Weight	Weight of Packaging
Langwiesen 7	153g	~112g
A-4209 Engerwitzdorf	Total weight	
+43 7235 605	265g	
Description of the manufacturer		
E+E develops, manufactures and sells sensor elements and transmitters for the measurement of humidity, temperature and air velocity.		

Environmental goals at E+E
E+E develops and manufactures all products with consideration to the resulting environmental impacts. The conformance with all laws and regulations regarding the environment is ensured by our comprehensive management system, certified according to the standards ISO TS16949 und ISO14001.

Description of the product and its components
The product consists of the plastic housing with mounting set and the printed circuit board (PCB) with electronic components and sensors. Electronic components used for this product are resistors, capacitors, diodes, potentiometers and integrated circuits. Where possible assembling techniques are used that allow easy reparation and disposal with the least possible impact on the environment.

Composition of the product					
Component	Weight	Weight%	Component	Weight	Weight%
Back module of housing	50g	32,7%	Potentiometers	3,3g	2,2%
Cover module of housing	22g	14,4%	Integrated circuits	0,6g	0,4%
PRFT5C	5,1g	3,3%	Diodes	0,3g	0,2%
Mounting flange	19,4g	12,7%	Resistors	0,9g	0,6%
Mounting set, screws, filter	20,1g	13,1%	Sensor elements	<0,1g	
Probe with thread and cable	10,7g	7%	Terminals	3,6g	2,4%
PCB, encased	11,4g	7,5%	Pins	0,7g	0,5%
Capacitors	3,2g	2,1%	Rest	1,6g	1%

Description of contents		
Component	Material	Possibly dangerous contents (Cd, Hg, Pb, PCB, PVC, PBB, ...)
Housing, probe, mounting flange	polycarbonate	
Screws	Fe	
PCB	epoxy resin, filament fiber glass, Cu, tin-plating	brominated flame retardants
Resistors	metal films on ceramics	*
Capacitors	ceramic capacitors, 1 electrolyte capacitor	*
Diodes	SiC	*
Sensor elements	Glass, ceramics, metal films	
Terminals, connectors	plastics, Fe, Cu	possibly brominated flame retardants
*Suppliers are urged to conform with the Regulation for Chemicals for the avoidance of potentially dangerous contents.		

Packaging material

Only environmentally neutral materials like cardboard and paper are used for packaging, conforming to the guidelines of the Regulation for Packaging.

Use

The use of this product does not lead to any contamination of the environment; the circuitry is designed for a minimal uptake of energy.

Reuse and disposal

The following ways of disposal can be considered for the components at the end of the product life:

Component	Reuse	Recycling	Energy production	Waste disposal
Housing, mounting flange and mounting set	theoretically possible	yes	yes	
PCB			yes	
Electronic components				possible

Environmental guidelines for suppliers

Suppliers are under obligation to conform to all environmental laws and regulations. Key suppliers are asked to sign an agreement in which they are urged to introduce an environmental management system according to the international standard ISO 14001.

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	Datum	Unterschrift
erstellt	04.10.02	Georg Niessner
geprüft	07.10.02	
freigegeben		