

Environmental declaration for HTRT

| Information about manufacturer and product | | |
|--|---------------------------|---------------------|
| Manufacturer | Product | Packaging |
| E+E Elektronik | Humidity transmitter HTRT | cardboard |
| Address und telephone | Weight | Weight of Packaging |
| Langwiesen 7 | 74g | ~20g |
| A-4209 Engerwitzdorf | Total weight | |
| +43 7235 605 | 94g | |
| 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 |
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| 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 after the standards ISO TS16949 und ISO14001. |

| Description of the product and its components |
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| The product consists of the plastic housing 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 | 24,3g | 25,8 | Potentiometers | 1,7g | 1,8 |
| Cover module of housing | 21,7g | 23,1 | Integrated circuits | 0,3g | 0,3 |
| PCB | 13,3g | 14,1 | Diodes | 0,3g | 0,3 |
| Capacitors | 3,2g | 3,4 | Terminals | 4,8g | 5,1 |
| Resistors | 0,7g | 0,7 | Pins | 0,7g | 0,7 |
| Sensor elements | <0,1g | | Others | 6,5g | 6,9 |

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| Description of contents | | |
|--|--|---|
| Component | Material | Possibly dangerous contents (Cd, Hg, Pb, PCB, PVC, PBB, ...) |
| Housing | polycarbonate | |
| 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 | * |
| Terminals, connectors | plastics, Fe, Cu | possibly brominated flame retardants |
| Sensor elements | Glass, ceramics, metal films | |
| *Suppliers are urged to conform with the Regulation for Chemicals for the avoidance of potentially dangerous contents. | | |

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

| Use |
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| 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 | theoretically possible | yes | yes | |
| PCB | | | yes | |
| Electronic components | | | | possible |

| Environmental guidelines for suppliers |
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| 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 following the international standard ISO 14001. |