Product Carbon Footprint Information

Cerabar PMP11

Sustainability, an Endress+Hauser Key Value

As a family-owned business aiming for long-term success, we are aware of the importance of prudent corporate management. For us, economic growth goes hand-in-hand with ecological and social thinking. Our sense of responsibility extends to our customers, partners, employees, and shareholders, as much as it does to the environment and to society at large. Our commitment to sustainability is deeply rooted in the culture of our family business.

This Product Carbon Footprint (PCF) Information Sheet is intended to disclose the climate change impacts to help all the value chain stakeholders make further progress along this common path.

Use References (Representative values)

Product lifetime	Years	15
Est. Power consumption	Watt	0.4
Use Intensity	Hours/year	8760
Product weight	kg	0.4

About our calculations

We have created adaptive product models for calculating the Life Cycle Assessment (LCA) focusing on PCF of our products. The PCF reported here considers a Cradle-to-Gate system boundary with a reference unit of one piece of a representative Cerabar PMP11 produced in Germany. Use and End-of-Life are excluded from this report. Calculations are based on product technical specifications collected by us and using secondary data from Managed LCA FE Content version CUP2024.1.

Further calculation details are included in a background report. The Corporate Sustainability Officer is responsible for the guardianship of this document.

Product carbon footprint results – Cradle to gate

	Global Warming Potential
	kg CO_2-eq.
Materials & intermediates	7.4
Manufacturing (In-house & by tier one supplier)	0.9
Upstream Logistics	0.1
Total	8.4

Impacts during use

The impact during use is variable depending on the use intensity, location, and power emission factor but we contribute to an easier scope 1, 2 and 3 coverage. For example, with a lifetime of 15 years, an hourly power consumption of 0,4 Watt, and an average assumed impact of 0,5 kg CO2-eq. per kWh, the carbon footprint during use would result in: 26,3 kg CO2-eq.

We highly encourage our clients to calculate their own footprint by substituting the use intensity and the power emission factor for individual data.

Disposal information

Although we have excluded End-of-Life from the Carbon Footprint system boundary, this stage can affect the environmental impact of the product. Proper end-of-life practices reduce waste and enable component/material recovery. Our modular devices are repaired by Endress+Hauser Service or trained customers using logical spare part kits. For repair info, contact Endress+Hauser Service. If needed per Directive 2012/19/EU, products bear a symbol (WEEE) to prevent improper disposal. Please return marked products to the manufacturer for correct disposal.