

91 12 Compact Reader

Key Figures

Lifetime per unit: 10 years
Weight per unit: 0.5 kg
Electricity use per year: 14 kWh
Production location: Villingen-Schwenningen, Germany

Production standards

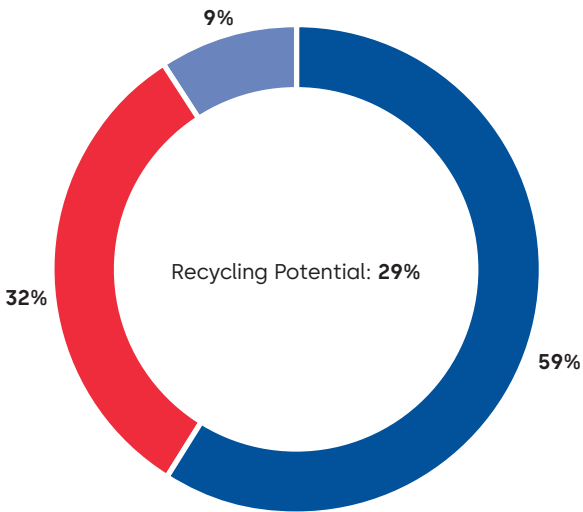
Quality	Environmental	Occupational Health & Safety	Energy	Produced with green electricity
ISO 9001 certified	ISO 14001 certified	ISO 45001 certified		✓

Product declarations / certifications

Environmental Product Declaration	Health Product Declaration	Building Product Declaration	Other
✓	✓		DGNB Navigator Label

Material used (%)

■ Electronics ■ Paper and packaging ■ Plastics



The PCF¹ across the life cycle is 59 kg CO₂e

This is similar to the CO₂ produced from a road trip with a diesel mid-range car from Hannover to Frankfurt (≈ 345 km).



¹ Carbon dioxide equivalent (CO₂e) is a standard unit of measurement used to express the climate impact of greenhouse gas emissions by converting them into the amount of carbon dioxide that would produce the same global warming effect, based on their global warming potential (GWP). It is widely used in product carbon footprint (PCF) calculations to compare and aggregate emissions of different greenhouse gases on a common basis.



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Product carbon footprint per life cycle stage (kg CO₂e)

