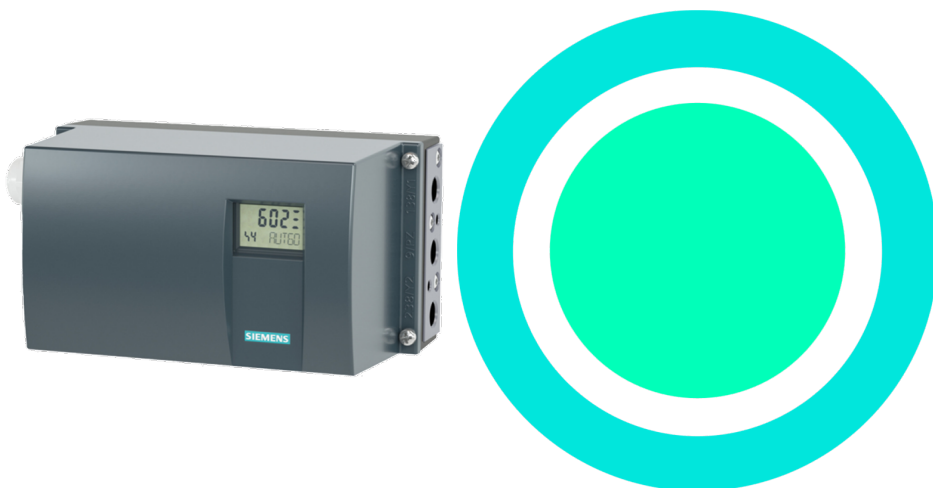


SIPART PS 2

Siemens EcoTech Profile

Transforming valves into smart and sustainable assets



Minimum material use

Overall product weight and resources reduced by redesign.



Energy efficiency

Excellent power consumption.



Durability / Longevity

Excellent lifetime of product.



Maintenance possible / Updatability

Optimized design makes maintenance, commissioning and operation more convenient, efficient and reliable.



Repairability

Established worldwide repair services centers and substantial range of spare parts available to extend service life.



Compliant with substance regulations

Protect people and environment by avoiding substances of concern.



EPD Type II or Type III available

The Environmental Product Declaration (EPD) provides transparency on the environmental impact of the product throughout its life cycle. Type II according to ISO 14021 including Life Cycle Impact Assessment (LCIA). Type III verified and certified according to ISO 14025.



Scan for [Environmental Product Declarations \(EPD\)](#) and further technical information.

**Siemens
EcoTech**



Range of application

This Siemens EcoTech Profile is valid for SIPART PS2 pneumatic positioners controlling process valves.

Further information on the product

Sustainable materials:



Minimum material use

- Compared to the predecessor the total weight has been reduced by **3%** mainly due to reduction in thermoplastic use.

Optimal use:



Energy efficiency

- Max. air consumption in the controlled state: **0.01 Nm³/h (0.006 scfm)**



Durability / Longevity

- MTBF of **359 years**.
- Outstanding material quality leads to superior longevity.
- Wear-free position feedback for increased durability.



Maintenance possible / Updatability

- Modular concept enables easy maintenance and updatability.

Value recovery:



Repairability

- Spare parts, professional support and onsite repair services are available.
- Siemens repair centers available globally.

Our production facilities

Our goal is clear: All Siemens production facilities and buildings worldwide are to achieve a net zero-carbon footprint by 2030. Today, all Siemens EcoTech products are manufactured in production facilities using **100% renewable electricity**.

And the ambitions go much further. The management systems implemented in our production facilities reduce the environmental impacts of our sites. Furthermore, we ensure fair treatment and respect for our people. More information about the 360° view on Siemens' sustainable transformation: [Learn more about our DEGREE framework](#)



Scan for more information on the [Siemens EcoTech framework](#)



TÜV Rheinland has independently validated the assessing methodology behind this product sheet's data evaluation according to ISO 14020 and 14021 standards.

Our Robust Eco Design process

The Siemens Robust Eco Design (RED) approach provides the foundation for integrating Ecodesign systematically into our product development and allows us to derive Ecodesign specifications that are advantageous from an environment point of view while meeting our own sustainability goals as well as those of our customers and suppliers. The RED approach involves three phases:

Application perspective

Definition of relevant product families, identification, and prioritization of Ecodesign requirements from stakeholder expectations.

Solid foundation

LCA-based assessment of environmental impacts for representative products along the entire life cycle, communicated via EPD.

Dematerialization

Evaluation of quantitative environmental impacts of Ecodesign and of further requirements, derivation of improved design specifications wherever reasonable.

