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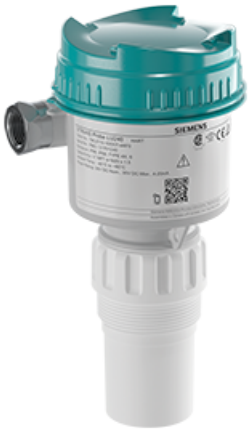
SITRANS PROBE LU240

Siemens EcoTech Profile

When value and performance meet



Minimum material use
The total weight of the product is reduced, and the product no longer requires a hand-held programmer for configuration.

Durability / Longevity
Designed for low-maintenance operation and tested against a wide range of power inputs.

Maintenance possible / Updatability
Software and firmware updates are available to keep the product up to date. System updates are possible.

Repairability
Reliable repair services and supply of spare parts available. The product design supports repairability.

Upgradability
Functional upgrades can be achieved via software updates, as well as add-on hardware.

Compliant with substance regulations
Protect people and environment by avoiding substances of concern.

EPD Type II available
According to ISO 14021 including Life Cycle Impact Assessment (LCIA).
The Environmental Product Declaration (EPD) provides transparency on the environmental impact of the product throughout its life cycle (e.g. Product Carbon Footprint (PCF) data).

Scan for Environmental Product Declarations (EPD) and further technical information.

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Range of application
This Siemens EcoTech Profile is valid for all products in the range of SITRANS Probe LU240.

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Further information on the product

Sustainable materials:

Minimum material use

- Compared to its predecessor, the total weight has been reduced by more than **14%**.
- The total weight of resin in the product has been reduced by more than **48%**.
- Programming can be completed via the integrated 4-button HMI design rather than requiring an additional hand-held programmer.

Optimal use:

Durability / Longevity

- Product features no moving parts, self cleaning fully encapsulated sensor face characterizing the low maintenance design.
- The power input range of the product has been extended by more than **38%** from 9 to 30 VDC which supports battery power supply systems expanding usability.
- The start-up input current is reduced by more than **89%** to ensure that use with an intrinsically safe barrier is optimized.

Maintenance possible / Updatability

- Software and firmware updates provided in SIOS to keep the device up to date for the lifetime of the product.

Value recovery & circularity:

Repairability

- Professional repair service located in three regions globally (Canada, France, China) and spare parts supply available to ensure fast and reliable support as noted in the digital instruction manual.

Upgradability

- Updates for new functionality are available in SIOS.
- Add-on hardware can be ordered for configuration via wireless bluetooth.
- Upgrades are possible in the field without replacing the base unit.

All packaging is recyclable and made from recycled material in accordance with ASTM D-5663-15 (2020) and 16 CFR 260.13(a) standards.

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

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.

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