

PerFact::MPA and HARTING SmEC



Integration of digital twin

Identification of individual SmEC and integration of digital twin into backend systems based on PerFact portal.



SmEC fleet cockpit

Connectivity insights (i.e., internal state, temperature, current) of multiple SmECs visualized by PerFact portal.



Configuration of SmEC

Assignment of plug-socket pair correspondence and adaptation of locking condition via PerFact portal.

For optimal interaction between physical and digital connectivity infrastructure

Scope of services

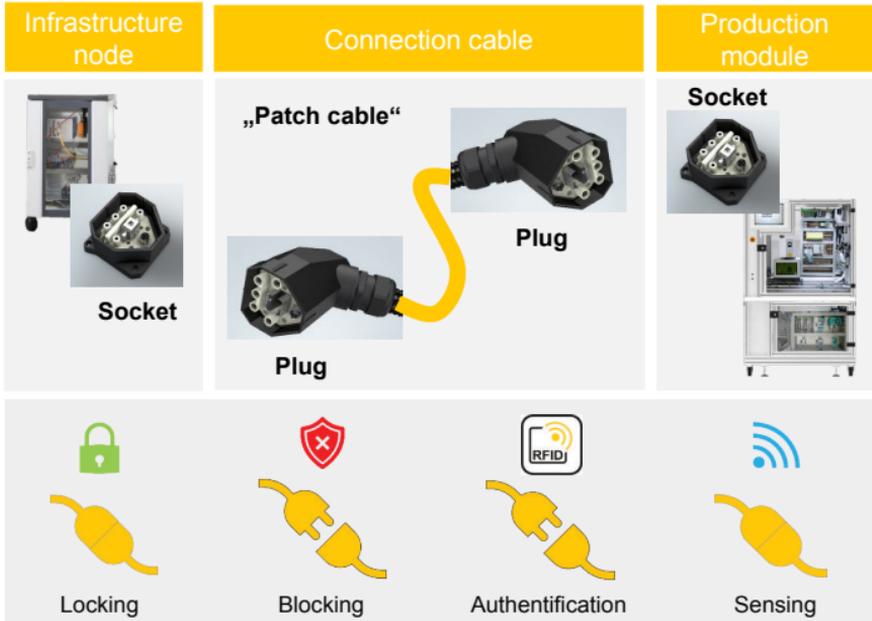
- Simple configuration via webbrowser for all assets.
Central security overview for smart connections.
- Transparency across all devices, connections and machines by monitoring the telemetry data (currents, temperatures, mating states).

Optional benefits

- PerFact ticket system to react quickly at problems.
- PerFact maintenance manager for surveillance of critical conditions.
- PerFact spare parts management for quick exchange of equipments.



HARTING SmEC and PerFact::MPA



Secure and monitor your plant connectivity with the Smart Electrical Connector (SmEC)

Scope of demonstration

- (De-)Commissioning of SmEC into production.
- Demonstration of locking, blocking, plug-socket authentication and sensing features.

Your benefits

- Flexible solution, regardless of the manufacturer of the machine.
- Easy installation based on simple identification and SmEC plug-socket authentication.
- Securing connection with condition-based automatic locking and blocking functionality.
- Ensuring operational safety by preventing unplugging under load.

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Get to know our software partner

