

Airflow monitoring system for Tantec PlasmaTEC-X extraction system

Monitoring and detection of extraction performance

At a glance:

- *Monitoring the extraction volume*
- *Efficient protection for people, products and machines*
- *Increase in process reliability*
- *Cost-efficient - no waste of room air*
- *Plug & Play for Tantec PlasmaTEC-X applications*
- *Easy integration into existing systems*
- *Individual adaptations on request*

Are you concerned about whether your extraction solution will continue to work optimally after setup?

The airflow monitoring system for the FlensTech extraction system was developed to make your processes controllable. With a good extraction solution, a high level of process and work safety can be achieved. In most cases there is no monitoring of the extraction power. Pressure fluctuations in the piping system can reduce the effectiveness of the extraction.

A pressure sensor connected to the control box continuously measures the line pressure. At an adjustable limit value, a contact is switched over, which can be used for signalling or control.

The monitoring is prepared for the PlasmaTEC-X generators from Tantec A/S in combination with the FlensTech extraction system. In this way, the generators provide the power supply for the connected devices.

In addition, the control box has a pre-assembled lead for the I/O input of the generator, which allows it to be switched off automatically if the limit value is undercut.

Since the I/O input is occupied by the airflow monitoring system, all signals for PLC operation are provided in the control box. This also allows for easy retrofitting of the monitoring system in existing systems.

The system can be expanded with a light tower. With this, the system status can be recognised quickly, visually and at a great distance in a production facility.



Tantec A/S
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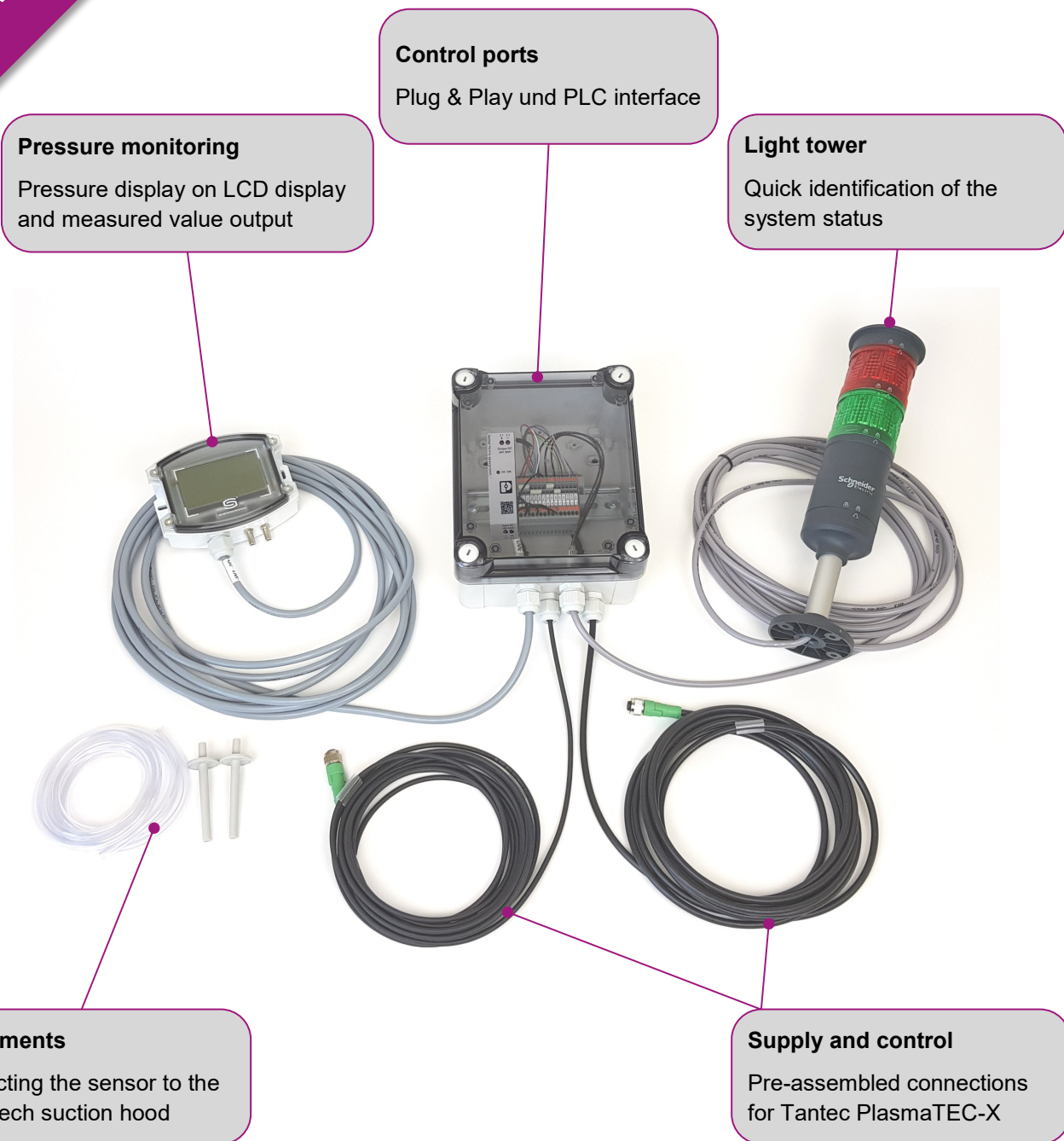
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Scope of delivery
F830415
Airflow monitoring system incl. control lines for PlasmaTEC-X
Incl. pressure sensor and connection accessories
Optionally available: signal light and further pressure sensors