

Weather Data Acquisition for Solar Park Management



Intelligent solutions for photovoltaic park management

Phoenix Contact, based in Germany, is the global market leader in end-to-end solar park management solutions.

Meteorological data from your own weather station

The Phoenix Contact weather data acquisition system can be implemented as an independent system or part of a seamless park management solution. With the power and reliability of LAMBRECHT meteo's Modbus sensor portfolio, Phoenix Contact can offer compact weather stations customized to individual needs. LAMBRECHT's sensors can be integrated directly into the Phoenix control system, providing total compliance for Class A monitoring under IEC 61724-1. The preconfigured sensors are immediately available to transmit weather data. This makes it a perfect system for PV utility scale plants.

Your benefits



Maximum accuracy:

All sensors meet the requirements of IEC 61724-1 for Class A systems (highest precision)



Rapid deployment:

Easy connection with M12 circular connectors; quick configuration with plug and play



High flexibility:

Custom configuration of weather station sensors based on your needs

SEAMLESS DATA ACQUISITION

LAMBRECHT meteo's Modbus weather sensors connect directly to the Phoenix Contact control system to provide real-time data for all measured parameters.

Industrial quality

Customized weather stations

Weather stations from Phoenix Contact and LAMBRECHT meteo provide 24/7 insights into the efficiency of your photovoltaic system.

Ready to use

M12 connectors with Y distributors make it incredibly easy to configure a series of sensors without individual wiring. This greatly reduces the amount of cabling work required on site while also making it easier to integrate the sensors into the system as a whole.



The weather station in detail

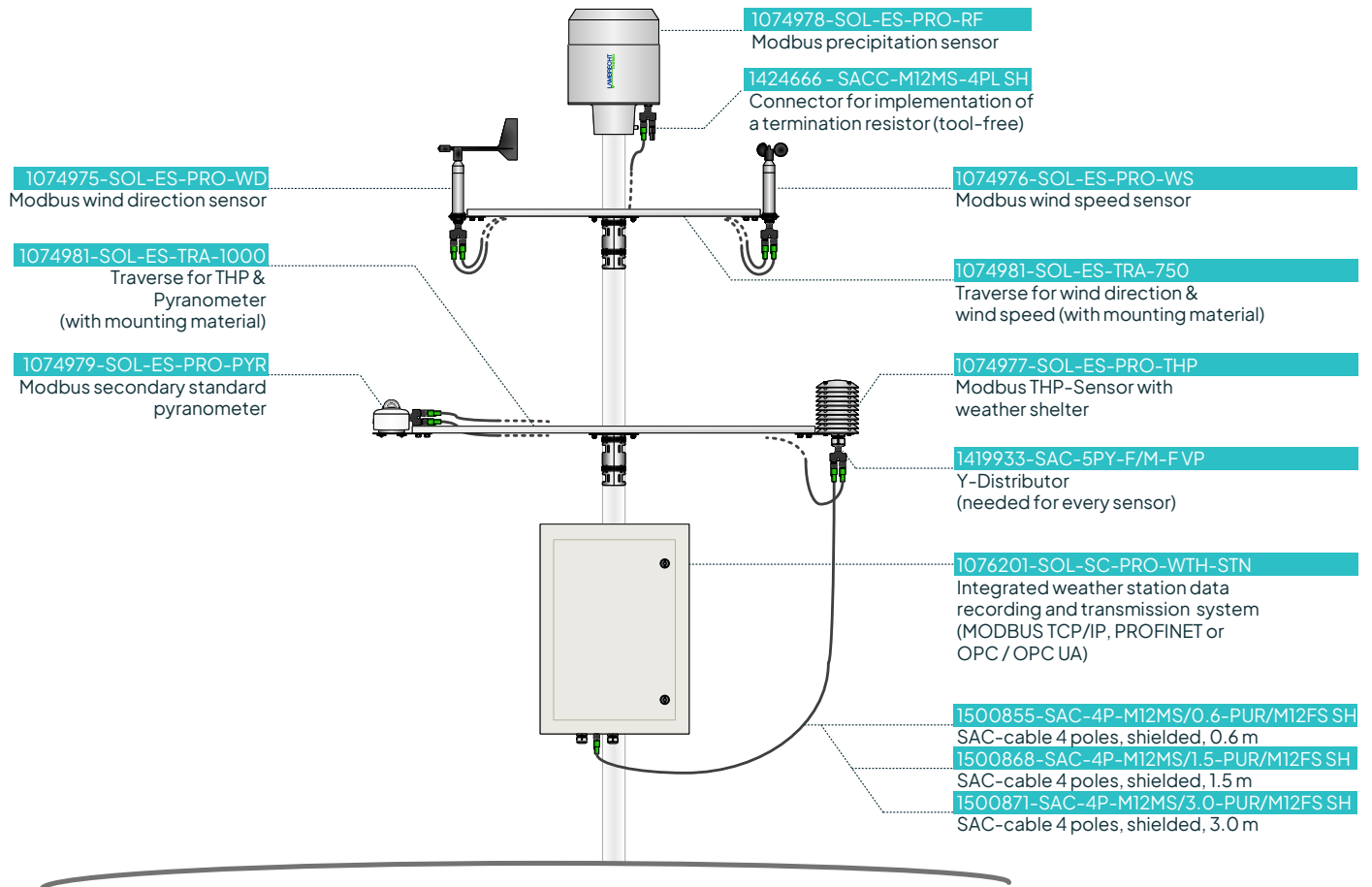


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