

## Weather station

Efficient solutions for weather data acquisition



### Intelligent solution for measuring environmental data

The weather station from Phoenix Contact keeps you informed at all times regarding the efficiency of your photovoltaic system. Thanks to our extensive portfolio of sensors, we provide you with weather stations tailored to your needs. The preconfigured sensors are immediately available to transmit weather data.

Weather station for the continuous recording of all weather data

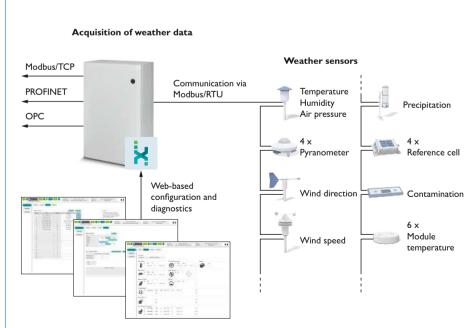
#### Six reasons to choose our solution:

- Fast startup
  - Low startup and configuration effort with Plug and Play
- High degree of flexibility Individual selection of sensors and integrated protection against polarity reversal
- **Maximum accuracy** All sensors meet the requirements of IEC 61724-1 for Class A systems

Easy to install

Quick integration possible without prior programming knowledge

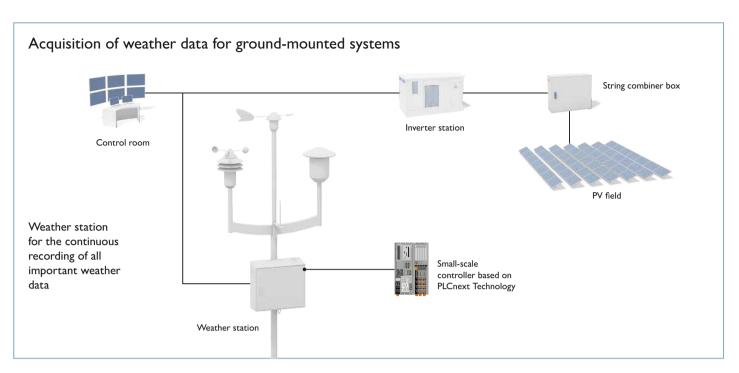
- Industrial quality Easy connection with M12 circular connectors
- Standardized interfaces Support for standardized interfaces



### Can be used universally

The weather station from Phoenix Contact is designed for universal use and supports the connection of up to eleven conventional sensors via standard interfaces. Furthermore, all electrical components within the weather station are protected reliably against surge voltages. The sensors are configured easily via web interface. The acquired weather data is saved locally on the controller and can be called up as required. We offer flexible, easy-to-operate software to implement various visualization tasks.

The application software is required to operate the weather station. The corresponding license can be purchased and downloaded in the PLCnext Store: phoenixcontact.com/weatherstation



Products						
						The state of the s
Description	Data logger	Wind direction sensor	Wind speed sensor	Pyranometer	Temperature, humidity, and air pressure sensor	Precipitation sen- sor with weighing technology
Item designation	SOL-SC-WTH-STN	SOL-ES-PRO-WD	SOL-ES-PRO-WS	SOL-ES-PRO-PYR SOL-ES-BSC-PYR	SOL-ES-PRO-THP	SOL-ES-PRO-RF
Item no.	1322110	1074975	1074976	1074979/1093211	1074977	1074978
Description	Silicon irradiance sensor	PV module temperature sensor	Sensor/actuator cable		Traverse with mast holder	Holder
Item designation	SOL-ES-PRO-RC	SOL-ES-PRO-MT	SAC-4P-M12MS/ 0,6 / SAC-4P-M12MS/ 1,5 / SAC-4P-M12MS/ 3,0		SOL-ES-TRA-750	SOL-ES-SENSOR- HOLDER-SMALL
Item no.	1074982	1074983	1500855/1500868/1500871		1074980	1406698
	J. 5.				55	Compatibility with
Description	Holder	Holder	Connector	Connector	Y distributor	other sensors is ensured.
Item designation	SOL-ES-SENSOR- HOLDER-LARGE	SOL-ES-SENSOR- HOLDER-INCLINED	SACC-M12FS- 4PL SH	SACC-M12MS- 4PL SH	SAC-5PY-F/ M-F VP SH	
Item no.	1406811	1407252	1424668	1424666	1419933	



# Open communication with customers and partners worldwide

Phoenix Contact is a global market leader based in Germany. We are known for producing future-oriented products and solutions for the electrification, networking, and automation of all sectors of the economy and infrastructure. With a global network reaching across more than 100 countries with over 20,000 employees, we maintain close relationships with our customers, something we believe is essential for our common success.

Our wide range of innovative products makes it easy for our customers to implement the latest technology in a variety of applications and industries. This especially applies to the target markets of energy, infrastructure, industry, and mobility.

You can find your local partner at

phoenixcontact.com

