

# SOL-ES-PRO-MT - Sensor

1074983

<https://www.phoenixcontact.com/in/products/1074983>



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Lambrecht Meteo GmbH PV module temperature sensor consisting of Pt 100 Modbus converter and Pt 100 temperature sensor. The measurement value is provided via Modbus/RTU (RS-485).

## Product description

All "Solarline Environment Sensors" (SOL-ES) are used with the Phoenix Contact weather station via Plug and Play (see accessories). They are especially suitable for capturing weather data in photovoltaic systems.

### IMPORTANT NOTE:

To connect the SOL-ES-PRO-MT sensor to the Phoenix Contact weather station, the Modbus converter (included in the scope of delivery) must be installed in a suitable housing with a 24 V power supply by the customer.

## Your advantages

- Corresponds to IEC 61724-1, Class A (highest precision)
- Auto-configuration register for Plug and Play startup
- Modbus address can be easily set using a rotary coding switch

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1074983       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | *****         |
| Product key                          | DTHAAA        |
| GTIN                                 | 4055626777634 |
| Weight per piece (including packing) | 186.3 g       |
| Weight per piece (excluding packing) | 186.3 g       |
| Customs tariff number                | 90251900      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|                              |   |
|------------------------------|---|
| Note regarding documentation | For technical data, see data sheet on the “Downloads” tab |
|------------------------------|---|

### Product properties

|              |        |
|--------------|--------|
| Product type | Sensor |
|--------------|--------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27143137 |
| ECLASS-12.0 | 27143137 |
| ECLASS-13.0 | 27143137 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000926 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 43201500 |
|-------------|----------|

Environmental product compliance

China RoHS

|  |   |
|--|---|
| Environment friendly use period (EFUP) | EFUP-7  |
|  | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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## Accessories

### SACC-M12MS-5PL M - Connector

1424649

<https://www.phoenixcontact.com/in/products/1424649>



Connector, Universal, 5-position, unshielded, Plug straight M12, coding: A, Push-lock spring connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 4 mm ... 8 mm

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### SAC-5PY-F/M-F VP SH - Y distributor

1419933

<https://www.phoenixcontact.com/in/products/1419933>



Y distributor, 5-position, shielded, Socket straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A and Plug straight M12 SPEEDCON, coding: A, Parallel distributor

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## SAC-5P-M12MS/ 0,3-PUR/M12FS SH - Sensor/actuator cable

1500884

<https://www.phoenixcontact.com/in/products/1500884>



Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 0.3 m

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## SAC-5P-M12MS/ 0,6-PUR/M12FS SH - Sensor/actuator cable

1500897

<https://www.phoenixcontact.com/in/products/1500897>



Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 0.6 m

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## SAC-5P-M12MS/ 1,5-PUR/M12FS SH - Sensor/actuator cable

1500907

<https://www.phoenixcontact.com/in/products/1500907>



Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 1.5 m

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## SAC-5P-M12MS/ 3,0-PUR/M12FS SH - Sensor/actuator cable

1500910

<https://www.phoenixcontact.com/in/products/1500910>



Sensor/actuator cable, 5-position, PUR halogen-free, black-gray RAL 7021, shielded (Advanced Shielding Technology), Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 3 m

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## WP-PA HF 13,0 BK - Protective hose

3240681

<https://www.phoenixcontact.com/in/products/3240681>



Protective hose, material: PA 6, UV-resistant: yes, flexible, degree of protection: IP68, color: black, flammability rating in acc. with UL 94: V0, inside diameter: 10 mm, Total length: 50 m

## SOL-SC-WTH-STN - Weather station

1322110

<https://www.phoenixcontact.com/in/products/1322110>



Weather station for acquiring measured data from connected environmental sensors. Together with SOL-ES sensors, it can be used in PV parks or other industrial areas, for example. The measured data is made available to the user via a user interface and transmitted to a higher-level data management system.

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