

TRANSCLINIC 14I+

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**String monitoring with Transclenic xi+
 A system that constantly monitors the
 performance of photovoltaic facilities.**

The Transclenic xi+ series continuously monitors the power from single strings or groups of strings as well as the voltage of a Photovoltaic system and thereby enables detailed monitoring of the system. Negative influences, which lead to reduced output, can be detected immediately, allowing rapid repairs or adjustments to be made to the system.

PV-PlantSmart software for data collection and monitoring of photovoltaic plantsThe software consists of two program modules:**Configuration module**The configuration module means that you have a simple way to implement, organise, group and re-name the devices and system components (device connection boxes, inverters, meters, weather sensors etc.)

The users can easily specify e-mail or SMS text messages that are to be sent out automatically as an alarm to any specific group.

The configuration module also accesses the data needed for monitoring the photovoltaic facility online.

Visualisation module

The visualisation module is used to view and save the online data that has been sent to the PC. The data describing the current states of the photovoltaic facility can be saved in the mySQL database and displayed

graphically to permit more detailed analysis. The data can also be exported as an Excel or PDF file and then be sent in an e-mail. It is also possible to administer the alarms and their acknowledgements; this permits the schedule of the corresponding service procedures to be accurately documented.

General ordering data

Type	TRANSCLINIC 14I+
Order No.	1238130000
GTIN (EAN)	4050118044225
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	370 mm	Width	109.5 mm
Height	92.2 mm	Net weight	1,123 g

Temperatures

Continuous operating temp., min.	-20 °C	Continuous operating temp., max.	70 °C
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Technical data

Communication	MODBUS RS485 RTU	Digital inputs	0.5 V low, 15 to 24 V high
Max. current per string	20 A	Maximum number of strings	14
Maximum reading error	± 1% (of the full scale value)	Measurement range	3...20 A DC
Number of digital inputs	2	Power consumption	< 1500 mW
Rated voltage (text)	1000 V DC	Supply voltage	19 - 36 V DC

Classifications

eClass 6.2	27-37-04-10	eClass 7.1	27-37-04-10
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Zeichnungen

