

TRANSCLINIC 14I+**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**String monitoring with Transclenic xi+
A system that permanently 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 permits 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.

General ordering data

Version	Photovoltaics
Order No.	1238 130000
Type	TRANSCLINIC 14I+
GTIN (EAN)	4050 118044225
Qty.	1 pc(s).
Available until	2021-12-31

Creation date March 7, 2023 7:05:59 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Height	92.2 mm	Height (inches)	3.63 inch
Width	109.5 mm	Width (inches)	4.311 inch
Length	368.9 mm	Length (inches)	14.524 inch
Net weight	1,310 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 ... 24 V high
Height	≤ 3000 m	Maximum current per string	20 A DC (-25...+70 °C)
Maximum number of strings	14	Measurement range	3...20 A DC
Number of digital inputs	2	Power consumption	< 1500 mW
Rated voltage	1000 V DC	String-current measurement error	± 260 mA from 3 A DC to 20 A DC
String-voltage measurement error	± 10 V from 100 V DC to 1000 V DC	Voltage supply	19 - 36 V DC
current measuring	Shunt resistance 1 mOhm		

Classifications

ETIM 6.0	EC002928	ETIM 7.0	EC002928
ETIM 8.0	EC002928	ECLASS 9.0	22-57-92-03
ECLASS 9.1	22-57-04-90	ECLASS 10.0	22-57-04-90
ECLASS 11.0	22-57-02-92	ECLASS 12.0	22-57-02-92

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	TRANSCLINIC 14I+
Engineering Data	CAD data – STEP
User Documentation	Manual TC8i+ 14i+
Catalogues	Catalogues in PDF-format

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Drawings

