

**TRANSCLINIC 16I+ 1K5 H****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

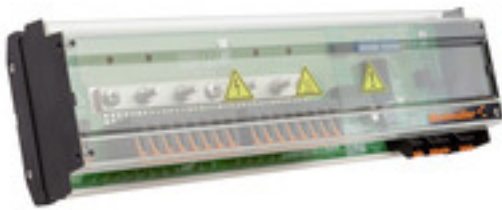
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**String monitoring with Transclenic xi+  
A system that permanently monitors the  
performance of photovoltaic facilities.**

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**

Type	TRANSCLINIC 16I+ 1K5 H
Order No.	<a href="#">2502520000</a>
Version	Photovoltaics
GTIN (EAN)	4050118515978
Qty.	1 pc(s).

Creation date May 2, 2020 9:07:18 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Width	109.5 mm	Width (inches)	4.311 inch
Height	92.92 mm	Height (inches)	3.658 inch
Depth	368.9 mm	Depth (inches)	14.524 inch
Net weight	940 g		

**Temperatures**

Operating temperature, max.	70 °C	Operating temperature, min.	-25 °C
Operating temperature	-25 °C...70 °C		

**Technical data**

Communication	MODBUS RS485 RTU	Height	≤ 2000 m
Maximum current per string	15 A DC (-25...+70 °C), 25 A DC (-25...+60°C)	Maximum number of strings	16
Number of digital inputs	2	Pollution severity	2
Rated voltage (text)		Standards	IEC/ EN61010-1:2010, IEC/ EN61010-2-030:2010, EN61326-1:2013
	1500 V DC		
String-current measurement error	± 300 mA from 3 A DC to 15 A DC	String-voltage measurement error	± 18 V from 150 V DC to 1,500 V
Supply current	< 70 mA DC, 200 mA DC max.	Voltage supply	19.2 – 28.8 V DC
current measuring	Shunt resistance 1 mOhm		

**Classifications**

ETIM 6.0	EC002928	ETIM 7.0	EC002928
eClass 9.0	22-57-92-03	eClass 9.1	22-57-04-90
eClass 10.0	22-57-04-90		

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">TRANSCLINIC 16i+ 1K5 HP</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Manual Transclenic 16i+ family</a>

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**Drawings**

