

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

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

Type	TRANSCLINIC 16I+ 1K5 L
Order No.	<a href="#">2433950000</a>
Version	Photovoltaics
GTIN (EAN)	4050118444513
Qty.	1 pc(s).

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

Length	368.9 mm	Length (inches)	14.524 inch
Width	109.5 mm	Width (inches)	4.311 inch
Height	92.2 mm	Height (inches)	3.63 inch
Net weight	939.34 g		

**Temperatures**

Humidity at operating temperature	5 to 95 % (non-condensing)	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	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)	1500 V DC	Standards	IEC/ EN61010-1:2010, IEC/ EN61010-2-030:2010, EN61326-1:2013
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 L</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Manual Transclenic 16i+ family</a>

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**Drawings**

