

*The Embedded I/O Company*



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# TA111

**Pico-Clasp Cable, 500 mm**

Version 1.0

## User Manual

Issue 1.0.0

May 2016

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## TA111-10R

Pico-Clasp Cable, 500 mm

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### Style Conventions

Hexadecimal characters are specified with prefix 0x, i.e. 0x029E (that means hexadecimal value 029E).

For signals on hardware products, an 'Active Low' is represented by the signal name with # following, i.e. IP\_RESET#.

Access terms are described as:

W	Write Only
R	Read Only
R/W	Read/Write
R/C	Read/Clear
R/S	Read/Set

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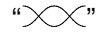
# 1 **Product Description**

The TA111 is a 30 pol. Pico-Clasp cable that allows easy access to TEWS modules with Pico-Clasp connectors like the TMPE633 or TMPE637. It provides a one to one connection between its Pico-Clasp connectors. Always two wires are constructed as twisted pairs (1 and 2, 3 and 4, ..., 29 and 30).

The cable length is 0.5 m and the permissible maximum voltage for the TA111 is 50V DC.

In combination with the TA205 Pico-Clasp terminal block the TA111 Pico-Clasp cable perfectly suited for prototyping and also for series production.

## 2 Cable Pin Assignment

The Pico-Clasp cable provides a one to one connection between the Pico-Clasp connectors P1 and P2. The “” symbol denotes the wires that are constructed as twisted pairs.
















Pico-Clasp P1	Pico-Clasp P2		Pico-Clasp P1	Pico-Clasp P2
1	1		2	2
3	3		4	4
5	5		6	6
7	7		8	8
9	9		10	10
11	11		12	12
13	13		14	14
15	15		16	16
17	17		18	18
19	19		20	20
21	21		22	22
23	23		24	24
25	25		26	26
27	27		28	28
29	29		30	30

Table 2-1 : TA111 Pin Assignment

### 3 Assembly Drawing

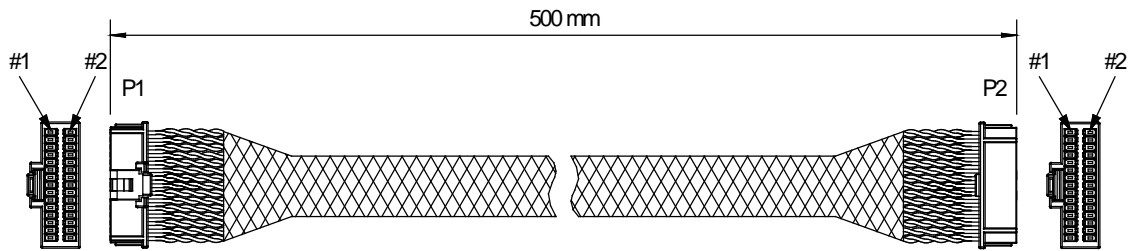


Figure 3-1 : TA111 Assembly Drawing