

# How to convert PEG's AD value to pascal unit value

Revision history of ATTEM		
Version	Date of release	Change
V1.0.1	2015 10/1	-
V1.0.2	2015/10/15	<ul style="list-style-type: none"> <li>- The password of administrator has been changeable on ATTEM Configurator.</li> <li>- The new tool for deleting logged data manually has been included in ATTEM.</li> <li>- It has been able to stop (or reduce) the data sampling to reduce communication traffic to TEM.</li> </ul>
V1.1.0	2015/10/30	<ul style="list-style-type: none"> <li>- Several default value of ATTEM Configurator has been changed.</li> <li>- It has been able to output logged data within the specified period.</li> <li>- It has been able to output logged data also as a CSV file.</li> <li>- Width of lines and diameter of points in the graph has been customizable on ATTEM LogViewer.</li> </ul>
V1.2.0	2015/11/16	<ul style="list-style-type: none"> <li>- Not only in “Detail”-tab but also in “Summary”-tab, selected date and time has become to be shown as a red line on ATTEM LogViewer.</li> <li>- It has been able to define your own Parameter Group in “Summary”-tab of ATTEM LogViewer.</li> <li>- It has been able to control the number of graphs which are ordered in each line in “Summary”-tab on ATTEM LogViewer.</li> </ul>
V1.3.0	2015/11/27	<ul style="list-style-type: none"> <li>- The Y-Axis of each graphs on ATTEM LogViewer has become expandable.</li> </ul>
V1.4.0	2015/12/21	<ul style="list-style-type: none"> <li>- It has been able to edit setting-items of multiple TEM-parameters in parallel on ATTEM Configurator.</li> </ul>
V1.5.1	2016/5/13	<ul style="list-style-type: none"> <li>- Layout of “Common”-tab has changed on ATTEM Configurator.</li> <li>- It has become able to monitor and log the data of optional sensors.</li> <li>- It has become able to count the number of times of events happened on TEM.</li> <li>- It has been able to create weekly reports or daily reports as pdf files automatically.</li> </ul>

V1.6.0	2017/6/08	<ul style="list-style-type: none"> <li>- One of the major causes of performance degradation has been solved.</li> <li>- Dependence on TemNet has been reduced and reliance on TEM3 has been increased.</li> <li>- The appearance of deflector value display has changed slightly.</li> <li>- It has become able to log TEMPC login user name by communicating with AttemSpyService provided separately.</li> <li>- The history of recently opened folders is displayed when LogViewer starts up.</li> <li>- It has become able to specify the date and time of the logged data to be loaded using the calendar UI on LogViewer.</li> <li>- A preset file for F200 has been added.</li> <li>- A function to convert the AD value of PEG into Pa unit has been added.</li> <li>- Numeric format for value parameters has become selectable. One is a fixed point format which is conventional format, and the other is exponential format.</li> </ul>
V1.6.1	2017/6/13	<ul style="list-style-type: none"> <li>- A bug related to the function of outputting log has been fixed.</li> <li>- A function to assist setting the names of valves has been added.</li> </ul>

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# 1. Requirement

The function to convert PEG's AD value to pascal unit is available for PEGs listed below.

- PEG01 of JEM-2800
- PEG02 of JEM-ARM200F (not PEG01 but PEG02)
- PEG01 (made by Pfeiffer) of the TEM which controlled by TEMCON
- PEG01 (made by Leybold) of the TEM which controlled by TEMCON

# 2. Setting Procedure

(1) Select the target PEG AD on AttemConfigurator.

(Which PEG should be selected depends on the type of TEM. Refer to the Requirement in this document for details.)

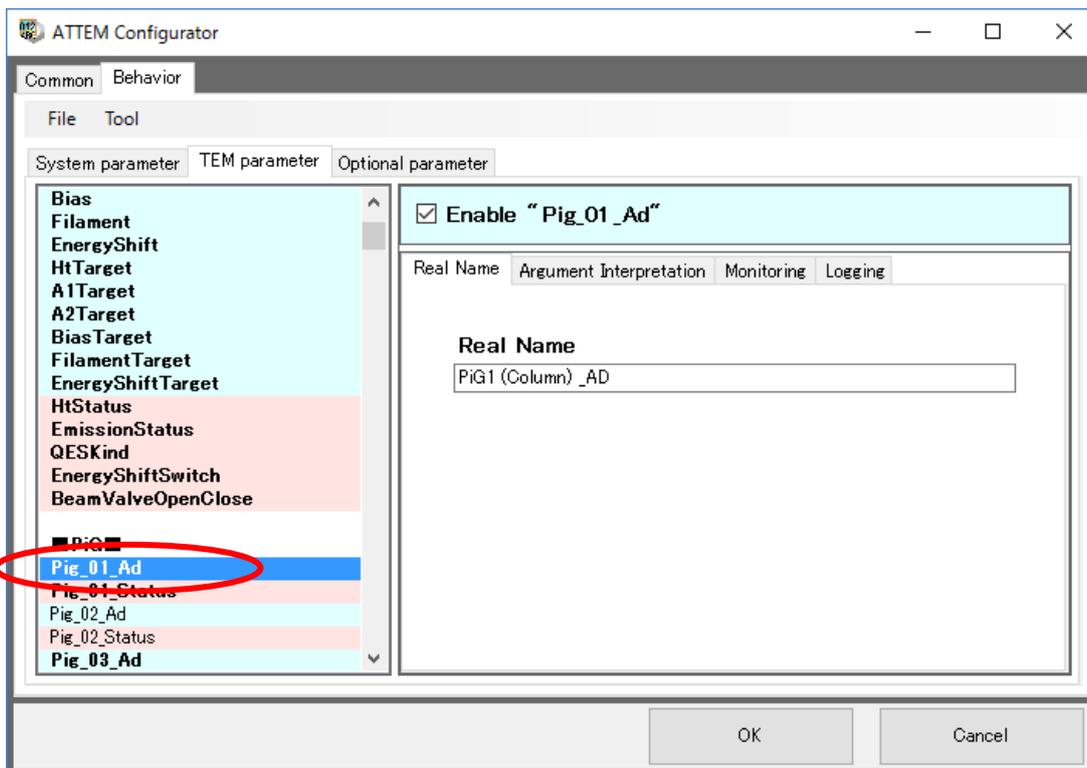


Figure 2-1: TEM parameter tab

(2) Select the Argument Interpretation tab.

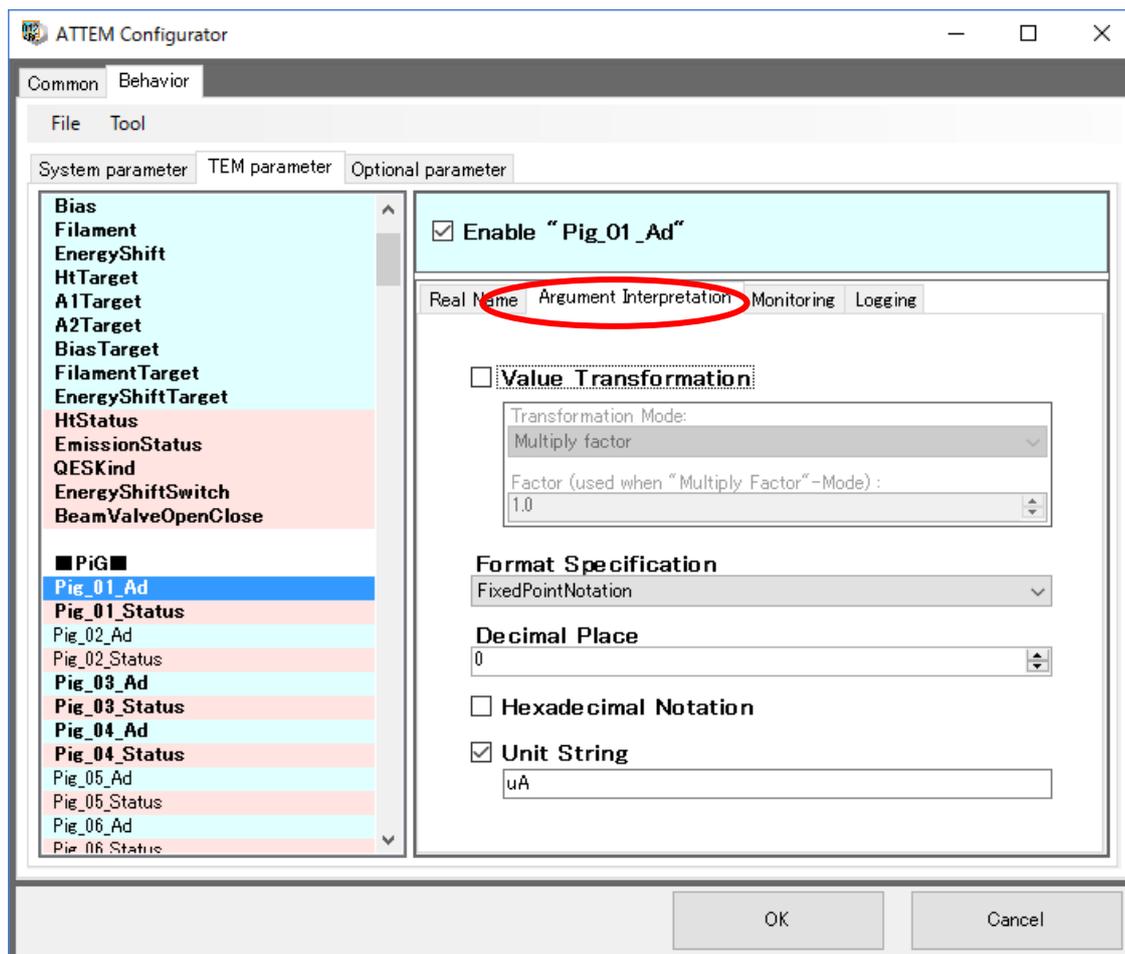


Figure 2-2: Argument Interpretation tab of PEG AD

(3) Please change the setting according to the table below.

Table 2-1: How to set.

Setting items	Value to be set
Check box (Value Transformation)	Checked
Transformation Mode	Convert PEG AD value to Pascal unit value
Format Specification	Exponential
Decimal Place	1
Check box (Unit String)	Checked
Unit String	Pa

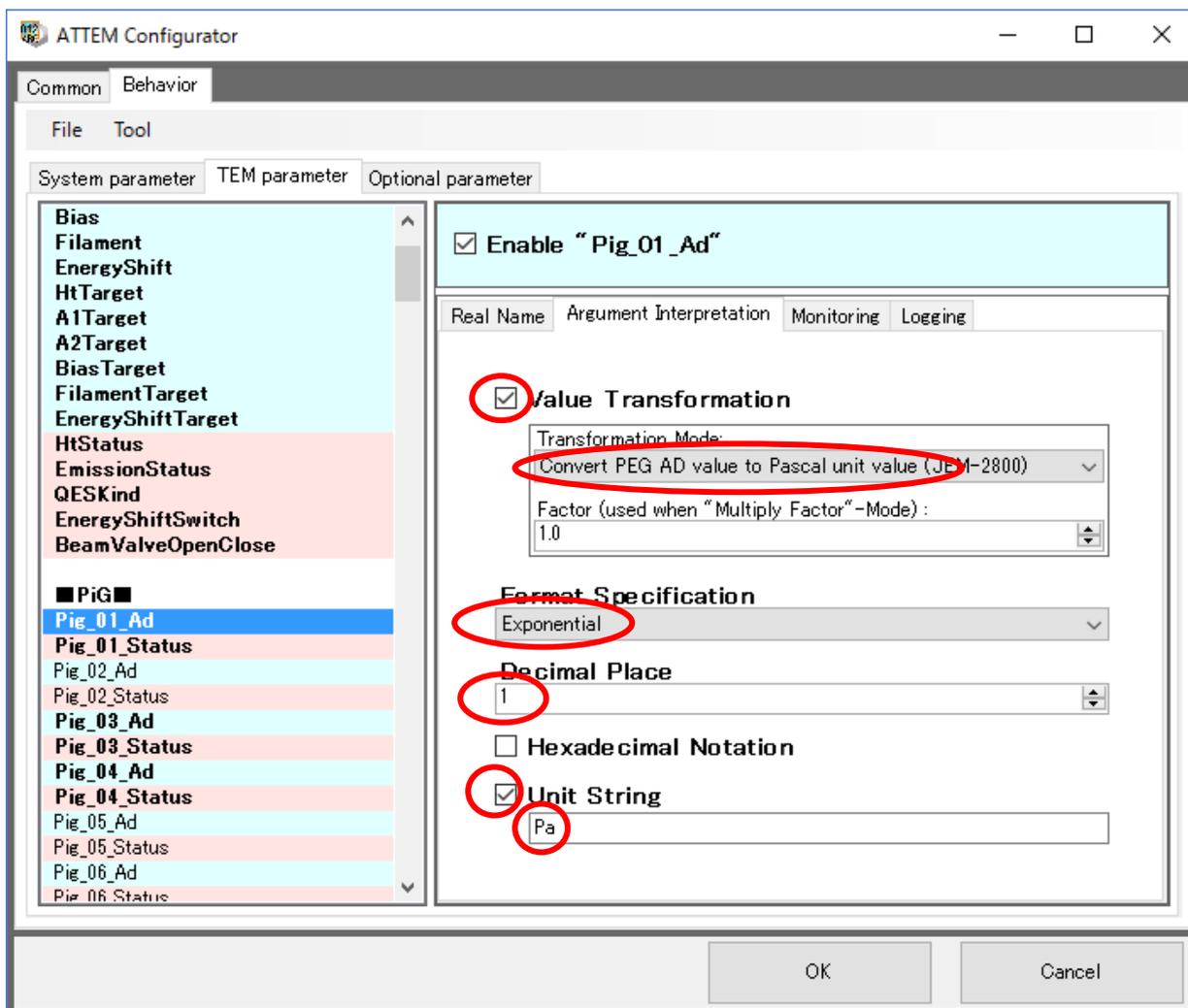


Figure 2-3: Argument Interpretation tab of PEG AD