



CONTACT SUPPORT:

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	CCI RegularExpression Named Group Analog Parser v1.0 Help
CATEGORY:	Utility
VERSION:	1.0.0
SUMMARY:	<p>The CCI Regular Expression suite has been designed so that each module works independently and does not rely on one and another.</p> <p>In order to use these modules, you will have to have understanding on Regular Expression Patterns. One website does a great job at teaching the subject. https://regex101.com/</p> <p>This module uses a single pattern to match. This pattern needs to contain a named capture group for each of the output defined names, case sensitive. A name capture group contains parentheses, and a name. Example. (?<name>matchchars). The output will contain only the numerical portion of the capture group value.</p> <p>To learn more about what other utility modules are available from Control Concepts visit the CCI Utility Module Store.</p>
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	3-Series, 4-Series or VC-4 processors <u>ONLY</u> .
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A
CABLE DIAGRAM:	N/A

PARAMETERS

RegexPattern	This is a serial string that contains the regular expression pattern that will be matched, in this case you must have a named capture group per name listed in the output parameters.
RegexNameGroup[*]	This is a serial string that contains a group named as defined in the RegexPattern. The Output will display the information from the Regex match specially for this named group.

CONTROL

Parse	D	Trigger to execute the parsing of your inputted data using the pattern entered.
Input	S	This is a buffered Input that can be used by sending multiple messages on the signal. The module will append the data with each signal change. The input buffer will get cleared when the "Parse" signal has been triggered.

FEEDBACK

Output[*]	A	The signal will show the named capture group numerical value data based on the Pattern and Input data. The module will perform an ATOI on the match value.
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TESTING:

OPS USED FOR TESTING:	CP3: 1.8001.0146 MC4: 2.7000.00052.01 VC-4: 2.7100.00030
SIMPL WINDOWS USED FOR TESTING:	4.20
DEVICE DB USED FOR TESTING:	200.180
CRES DB USED FOR TESTING:	212.0000.002.000
SYMBOL LIBRARY USED FOR TESTING:	1165
INCLUDE4.DAT FILE:	2.18.065



SAMPLE PROGRAM:	CCI RegularExpression Demo v1.0
REVISION HISTORY:	1.0.0 – Initial Release