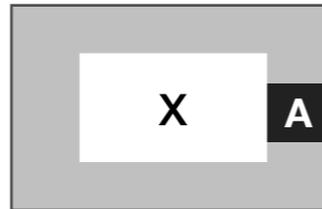


### Data Type Information

The data type of the stored value or values is inherited from the connected measurement/calculation blocks of the **Array** input block. There are no measurement units associated with Array local variables.

*NOTE: The array variable data is not valid in the test panel in which the data was saved to a Array input block. A call to an Array Element value must occur in a test section or test panel that occurs after the Array variable save.*

### Array



### Array

An output block that provides data values from an array variable by using the same instrument panel button/s values used with the associated **Array** input block to index the stored values.

If a group of test panels with arrays have common instrument button sweeps/ranges then the array variables will align the stored values based on that range index. If there is no shared ranges then the entire variable is emitted as a vector.

*NOTE: The instrument button sweep or range used to create the array input block variable must be used to extract the values from the array output block. The button type, values, and range dimension must match the indices used when the array was captured.*

An array local variable can be selected by right-clicking within the gray area of the block and selecting 'Var Name' from the pop-up menu list. A window list of available local variables will be displayed from which a single variable can be selected.

### Data Type Information

The data type of the stored value or values is inherited from the connected measurement/calculation blocks of the **Array** input block. There are no measurement units associated with Array local variables.

*NOTE: The array variable data is not valid in the test panel in which the data was saved to a Array input block. A call to an Array variable must occur in a test section or test panel that occurs after the Array variable save.*

### Cal Data



### Cal Data

An output block that recalls the measured data stored in the user specified **Cal Data** input block. This button is typically used in conjunction with the **Cal Reset** button.

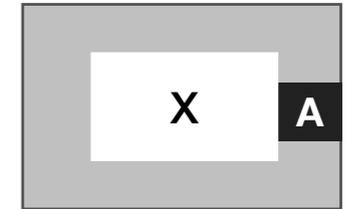
*NOTE: The calibration data from a Cal Data output block is not valid in the test panel in which the data was saved to a Cal Data input block. A call to the calibration data must occur in a test section or test panel that occurs after the calibration data save.*

### Data Type Information

The data type of the stored value or values is inherited from the connected measurement/calculation blocks of the **Cal Data** input block. To recall the calibration data from a previous **Cal Data** input block, the block owner must be changed from the default setting of 'System' to match the owner of the **Cal Data** save. To change the owner, right click anywhere within the white space area contained by the 'System' box that surrounds the gray block and select 'Change Owner' from the pop-up menu list. Once the owner has been changed, the calibration data can be recalled by changing the name of the **Cal Data** output block to match the associated **Cal Data** input block by right-clicking within the gray area of the block and selecting 'Cal Name...' from the pop-up menu list.

*NOTE: To access fixture calibration data, the fixture must be physically connected and checked into the tester or a fixture definition must be activated in the Configuration Window to access the 'Fixture' owner.*

### Cal Point



### Cal Point

An output block that returns a single point cal factor from a specified **Cal Data** input block based on an index determined by an associated instrument's state button (typically a frequency or power setting) placed in the test panel or test section. This button is typically used in conjunction with the **Cal Reset** button.

*NOTE: The calibration data from a Cal Data output block is not valid in the test panel in which the data was saved to a Cal Data input block. A call to the calibration data must occur in a test section or test panel that occurs after the calibration data save.*

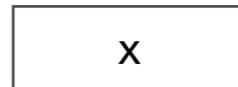
### Data Type Information

The data type of the stored value or values is inherited from the connected measurement/calculation blocks of the **Cal Data** input block. To recall the calibration data from a previous **Cal Data** input block, the block owner must be changed from the default setting of 'System' to match the owner of the **Cal Data** save. To change the owner, right click anywhere within the white space area contained by the 'System' box that surrounds the gray block and select 'Change Owner' from the pop-up menu list. Once the owner has been changed, the calibration data can be recalled by changing the name

of the **Cal Data** output block to match the associated **Cal Data** input block by right-clicking within the gray area of the block and selecting 'Cal Name...' from the pop-up menu list.

*NOTE: To access fixture calibration data, the fixture must be physically connected and checked into the tester or a fixture definition must be activated in the Configuration Window to access the 'Fixture' owner.*

Cal Reset



## Cal Reset

A list selection button that resets the calibration data of the user-specified entry to its default value when the test plan is compiled. This button is typically used in conjunction with the **Cal Data** input and output blocks.

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**WARNING: Overwriting or altering instrument calibration data can cause unwanted instrument behavior that may result in instrument or device damage and will void the performance specifications of the Cassini test system.**

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To reset calibration data, the **Cal Reset** button owner must be changed from the default setting of 'System' to match the owner of the intended path (typically 'Fixture') or instrument. To change the owner, right click anywhere within the white space area contained by the 'System' box that surrounds the Cal Reset parameter box and

select 'Change Owner' from the pop-up menu list. Once the owner has been changed, the calibration data to be reset can be selected by changing the name of the **Cal Reset** button to match the intended fixture path or instrument resource name by right-clicking within the Cal Reset parameter box of the button and selecting 'Cal Name...' from the pop-up menu list.

*NOTE: To reset fixture calibration data, the fixture must be physically connected and checked into the tester or a fixture definition must be activated in the Configuration Window to access the 'Fixture' owner.*