

PlcOperandTypes Members

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll, IPS7LnkNet.Advanced.dll

The [PlcOperandTypes](#) type exposes the following members.

Methods

GetChar(PlcOperandType)

Retrieves the according character representation which matches the specified **value**.

C#

```
public static char GetChar(PlcOperandType value)
```

Parameters

value [PlcOperandType](#)

The [PlcOperandType](#) its character representation is to be retrieved.

Returns

[Char](#)

The character representation of the **value** of the [Siemens](#).

Exceptions

[ArgumentException](#)

The according character representation could not be retrieved.

GetChar(PlcOperandType, PlcOperandStandard)

Retrieves the according character representation which matches the specified **value** and **standard**.

C#

```
public static char GetChar(PlcOperandType value, PlcOperandStandard standard)
```

Parameters

value [PlcOperandType](#)

The [PlcOperandType](#) its character representation is to be retrieved.

standard [PlcOperandStandard](#)

The [PlcOperandStandard](#) to use to match the according character representation.

Returns

[Char](#)

The character representation of the [value](#) of the [standard](#) specified.

Exceptions

[ArgumentException](#)

The according character representation could not be retrieved.

GetString(PlcOperandType)

Retrieves the according string representation which matches the specified [value](#).

C#

```
public static string GetString(PlcOperandType value)
```

Parameters

[value](#) [PlcOperandType](#)

The [PlcOperandType](#) its string representation is to be retrieved.

Returns

[String](#)

The string representation of the [value](#) of the [Siemens](#).

Exceptions

[ArgumentException](#)

The according string representation could not be retrieved.

GetString(PlcOperandType, PlcOperandStandard)

Retrieves the according string representation which matches the specified [value](#) and [standard](#).

C#

```
public static string GetString(PlcOperandType value, PlcOperandStandard standard)
```

Parameters

value PlcOperandType

The [PlcOperandType](#) its string representation is to be retrieved.

standard PlcOperandStandard

The [PlcOperandStandard](#) to use to match the according string representation.

Returns

String

The string representation of the [value](#) of the [standard](#) specified.

Exceptions

ArgumentException

The according string representation could not be retrieved.

GetType(String)

Retrieves the according [PlcOperandType](#) value which matches the specified [value](#).

C#

```
public static PlcOperandType GetType(string value)
```

Parameters

value String

The string representation of the [PlcOperandType](#) to retrieve.

Returns

PlcOperandType

The according [PlcOperandType](#) value of the [value](#) of the [Siemens](#).

Exceptions

ArgumentException

The [value](#) is equal to [Empty](#) or the according [PlcOperandType](#) could not be retrieved.

ArgumentNullException

The [value](#) is a null reference (Nothing in Visual Basic).

GetType(String, PlcOperandStandard)

Retrieves the according [PlcOperandType](#) value which matches the specified [value](#) and [standard](#).

C#

```
public static PlcOperandType GetType(string value, PlcOperandStandard standard)
```

Parameters

[value](#) [String](#)

The string representation of the [PlcOperandType](#) to retrieve.

[standard](#) [PlcOperandStandard](#)

The [PlcOperandStandard](#) to use to match the according [PlcOperandType](#).

Returns

[PlcOperandType](#)

The according [PlcOperandType](#) value of the [value](#) of the [standard](#) specified.

Exceptions

[ArgumentException](#)

The [value](#) is equal to [Empty](#) or the according [PlcOperandType](#) could not be retrieved.

[ArgumentNullException](#)

The [value](#) is a null reference (Nothing in Visual Basic).

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