

# 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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