

PlcIdentity Class

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll

Represents an identity which addresses a specific memory area within a programmable logic controller (PLC).

C#

```
[Serializable]
public abstract class PlcIdentity : IComparable, ISerializable
```

Inheritance [Object](#) > [PlcIdentity](#)

Derived

- [PlcAddress](#)
- [PlcName](#)
- [PlcOperand](#)

Attributes [SerializableAttribute](#)

Implements [IComparable](#), [Serialization.ISerializable](#)

Constructors

Name	Description
PlcIdentity	Initializes a new instance of the PlcIdentity class.

Methods

Name	Description
CompareTo(Object)	Compares the current PlcIdentity with the other .
Equals(Object)	Determines whether the specified other is equal to this PlcIdentity .
GetHashCode	Retrieves a hash code for this PlcIdentity .
GetObjectData(Serialization.SerializationInfo, Serialization.StreamingContext)	Sets the Serialization.SerializationInfo with information about the exception.
ToString	Converts the name to its string representation.

Operators

Name	Description
op_Equality(PlcIdentity, PlcIdentity)	Returns a value indicating whether two instance of PlcIdentity are equal.

Name	Description
op_GreaterThan(PlcIdentity, PlcIdentity)	Determines whether the first specified PlcIdentity object is greater than the second specified PlcIdentity object.
op_GreaterThanOrEqual(PlcIdentity, PlcIdentity)	Determines whether the first specified PlcIdentity object is greater than or equal to the second specified PlcIdentity object.
op_Implicit(Advanced.PlcIdentity)	Converts a string formatted as name to an PlcIdentity object.
op_Inequality(PlcIdentity, PlcIdentity)	Returns a value indicating whether two instances of PlcIdentity are not equal.
op_LessThan(PlcIdentity, PlcIdentity)	Determines whether the first specified PlcIdentity object is less than the second specified PlcIdentity object.
op_LessThanOrEqual(PlcIdentity, PlcIdentity)	Determines whether the first specified PlcIdentity object is less than or equal to the second PlcIdentity object.

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