

PlcByte Class

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll

Represents a [Byte](#) value (in PLC a BYTE) its value defines a 8-bit unsigned integer value.

C#

```
public class PlcByte : PlcValue<byte>, IPlcValue<byte>, IPlcValue, IPlcSymbol, IPlcEntity,
IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable, ISupportInitialize
```

Inheritance [Object](#) > [PlcValue<Byte>](#) > [PlcByte](#)

Implements [IPlcValue<Byte>](#), [IPlcValue](#), [IPlcSymbol](#), [IPlcEntity](#), [IPlcStatusProvider](#),
[IPlcRelocatable<IPlcValue>](#), [IPlcRelocatable](#), [ISupportInitialize](#)

Remarks

A PLC value of this type will be directly used by all PLC operations performed using the [Byte](#). A PLC developer knows a value of this type as BYTE.

Constructors

Name	Description
PlcByte(PlcByteType)	Initializes a new instance of the PlcByte class using the specified type
PlcByte(PlcByteType, Byte)	Initializes a new instance of the PlcByte class using the specified type and value .
PlcByte(PlcByteType, PlcName)	Initializes a new instance of the PlcByte class using the specified type and name .
PlcByte(PlcByteType, PlcName, Byte)	Initializes a new instance of the PlcByte class using the specified type , name and value .
PlcByte(PlcIdentity)	Initializes a new instance of the PlcByte class using the specified identity
PlcByte(PlcIdentity, Byte)	Initializes a new instance of the PlcByte class using the specified identity and value .
PlcByte(PlcIdentity, PlcName)	Initializes a new instance of the PlcByte class using the specified identity and name .
PlcByte(PlcIdentity, PlcName, Byte)	Initializes a new instance of the PlcByte class using the specified identity , name and value .

Methods

Name	Description
GetValueCore(PlcDeviceConnection)	Retrieves the current value of the PLC value from a IPlcDevice using the connection specified.
RelocateCore(PlcAddress)	Relocates the value to the address specified.

Name	Description
SetValueCore(PlcDeviceConnection, Byte)	Stores the value in the IPlcDevice assigned to the connection specified.

Table of Contents

Remarks	1
Constructors	1
Methods	1

