

PlcInt16 Class

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll

Represents a [Int16](#) value (in PLC a INT) its value defines a 16-bit signed integer value.

C#

```
public class PlcInt16 : PlcValue<short>, IPlcValue<short>, IPlcValue, IPlcSymbol,
IPlcEntity, IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable,
ISupportInitialize
```

Inheritance [Object](#) > [PlcValue<Int16>](#) > [PlcInt16](#)

Implements [IPlcValue<Int16>](#), [IPlcValue](#), [IPlcSymbol](#), [IPlcEntity](#), [IPlcStatusProvider](#), [IPlcRelocatable<IPlcValue>](#), [IPlcRelocatable](#), [ISupportInitialize](#)

Remarks

While a PLC value of this type represents an [Int16](#) value, all PLC operations performed using this class are done using the [Word](#). A PLC developer knows a value of this type as an INT.

Constructors

Name	Description
PlcInt16(PlcIdentity)	Initializes a new instance of the PlcInt16 class using the specified identity
PlcInt16(PlcIdentity, Int16)	Initializes a new instance of the PlcInt16 class using the specified identity and value .
PlcInt16(PlcIdentity, PlcName)	Initializes a new instance of the PlcInt16 class using the specified identity and name .
PlcInt16(PlcIdentity, PlcName, Int16)	Initializes a new instance of the PlcInt16 class using the specified identity , name and value .
PlcInt16(PlcInt16Type)	Initializes a new instance of the PlcInt16 class using the specified type
PlcInt16(PlcInt16Type, Int16)	Initializes a new instance of the PlcInt16 class using the specified type and value .
PlcInt16(PlcInt16Type, PlcName)	Initializes a new instance of the PlcInt16 class using the specified type and name .
PlcInt16(PlcInt16Type, PlcName, Int16)	Initializes a new instance of the PlcInt16 class using the specified type , name and value .

Methods

Name	Description
GetValueCore(PlcDeviceConnection)	Retrieves the current value of the PLC value from a IPlcDevice using the connection specified.

Name	Description
<code>RelocateCore(PlcAddress)</code>	Relocates the value to the address specified.
<code>SetValueCore(PlcDeviceConnection, Int16)</code>	Stores the value in the IPlcDevice assigned to the connection specified.

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