

VARIABLES

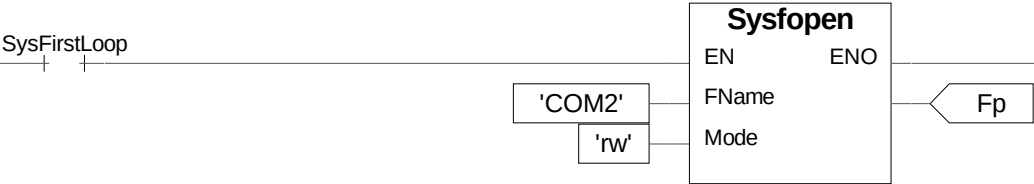
```
VAR_GLOBAL
FemtoD4 : FEMTOD4VARIABLES; (* Registri Femto D4 *)
END_VAR
```

|  |                   |                 |
|--|-------------------|-----------------|
|  | Project : FemtoD4 |                 |
|  | VARIABLES :       |                 |
|  | Release :         | Ver :1.00       |
|  | Author :          | Date:23/01/2014 |
|  | Note :            | Page:1 of 1     |

```
VAR
Fp : FILEP; (* File pointer *)
MdbSn : ModbusMaster; (* Modbus master FB *)
Done : BOOL; (* Modbus done *)
Sm : SetSMode; (* Set serial mode *)
END_VAR
```

1

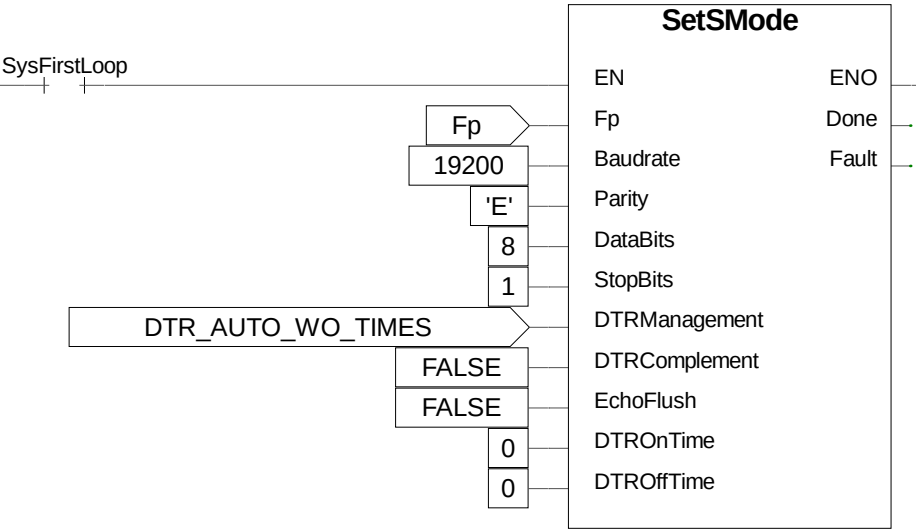
Eseguo apertura porta seriale



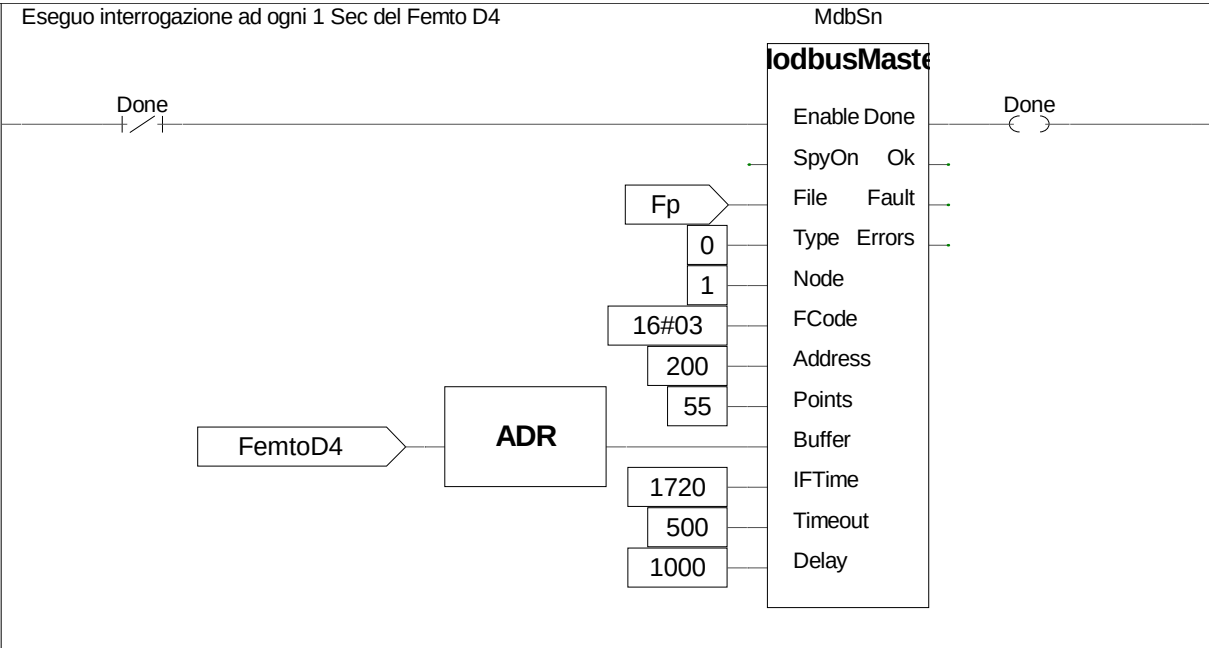
2

Eseguyo impostazione parametri di comunicazione

Sm



3



|  |                           |                 |
|--|---------------------------|-----------------|
|  | Project : FemtoD4         |                 |
|  | PROGRAM : LD_ModbusMaster |                 |
|  | Release :                 | Ver :1.00       |
|  | Author :                  | Date:23/01/2014 |
|  | Note :                    | Page:2 of 2     |

(SFR054B220) Manages the modbus master communication  
ENCRYPTED CODE

```
VAR_INPUT
Enable : BOOL;
SpyOn : BOOL; (* Spy active *)
File : FILEP; (* Terminal I/O pointer *)
Type : USINT; (* Modbus type *)
Node : USINT; (* Node number *)
FCode : USINT; (* Function code *)
Address : UINT; (* Start address *)
Points : UDINT; (* Number of points *)
Buffer : @USINT; (* Address of data buffer *)
IFTime : UDINT; (* Interframe time (uS) *)
Timeout : UINT; (* Timeout time (mS) *)
Delay : UINT; (* Delay time (mS) *)
END_VAR

VAR_OUTPUT
Done : BOOL; (* Command done *)
Ok : BOOL := FALSE; (* Execution Ok *)
Fault : BOOL; (* Command fault *)
Errors : UDINT; (* Error counter *)
END_VAR
```

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|  |                               |                 |
|--|-------------------------------|-----------------|
|  | Project : FemtoD4             |                 |
|  | FUNCTION BLOCK : ModbusMaster |                 |
|  | Release : FemtoD4             | Ver :1.00       |
|  | Author :                      | Date:23/01/2014 |
|  | Note :                        | Page:1 of 1     |

(SFR054B220) Set the serial communication mode  
ENCRYPTED CODE

```
VAR_INPUT
Fp : FILEP;
Baudrate : UDINT; (* Baudrate *)
Parity : STRING[ 1 ]; (* Parity type *)
DataBits : USINT; (* Nr of data bits *)
StopBits : USINT; (* Nr of stop bits *)
DTRManagement : USINT; (* DTR management type *)
DTRComplement : BOOL; (* Complement the DTR signal *)
EchoFlush : BOOL; (* Flush the echo *)
DTROnTime : UINT; (* DTR On wait time *)
DTROffTime : UINT; (* DTR Off wait time *)
END_VAR

VAR_OUTPUT
Done : BOOL; (* Execution done *)
Fault : BOOL; (* Execution fault *)
END_VAR
```

1

Project : FemtoD4

FUNCTION BLOCK : SetSMode

Release : FemtoD4

Ver :1.00

Author :

Date:23/01/2014

Note :

Page:1 of 1