

VARIABLES

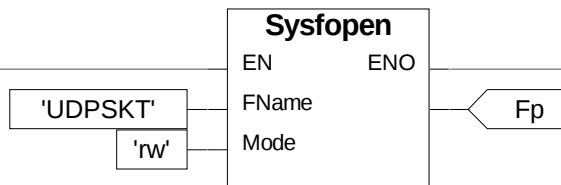
```
VAR_GLOBAL
Temperature AT %MD100.0 : ARRAY[ 0..1 ] OF REAL; (* Temperature (°C) *)
Humidity AT %MX100.8 : ARRAY[ 0..1 ] OF REAL; (* Humidity (% RH) *)
END_VAR
```

	Project : MultipleSTE	
	VARIABLES :	
	Release : TestHwgSTE	Ver :1.00
	Author :	Date:05/03/2013
	Note :	Page:1 of 1

```
VAR
SktIsListening : BOOL; (* Socket is listening *)
Fp : FILEP; (* UDP socket *)
SktLsn : SysSktListen; (* FB socket listen data *)
STEAcq1 : STESnmpAcq; (* STE acquisition *)
STEAcq0 : STESnmpAcq; (* STE acquisition *)
Done : ARRAY[ 0..1 ] OF BOOL; (* Done acquisizione *)
Fault : ARRAY[ 0..1 ] OF BOOL; (* Fault acquisizione *)
END_VAR
```

Eseguo apertura socket UDP per connessione SNMP

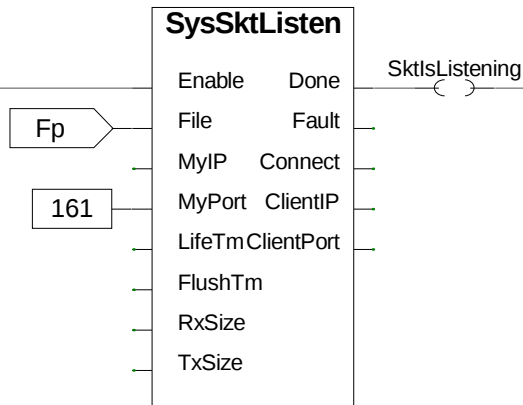
SysFirstLoop



Forzo il socket in ascolto definendo porta SNMP

SktLsn

SysFirstLoop

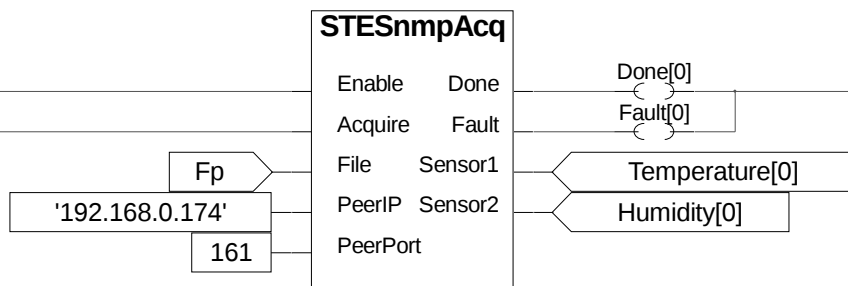


Eseguo lettura dati da STE in SNMP

STEAcq0

SktIsListening

SysClock1000



Project : MultipleSTE

PROGRAM : STEAcquisition

Release : TestHwgSTE

Ver :1.00

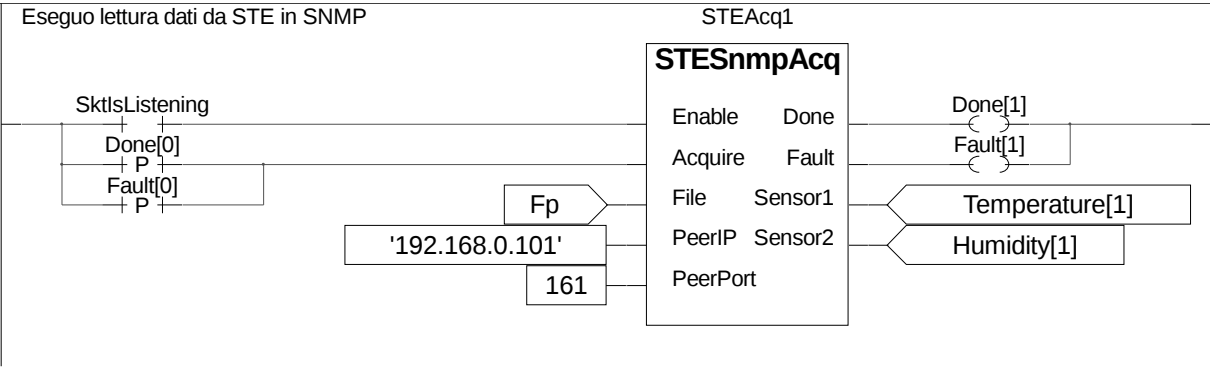
Author :

Date:05/03/2013

Note :

Page:1 of 2

4



	Project : MultipleSTE	
	PROGRAM : STEAcquisition	
	Release : TestHwgSTE	Ver :1.00
	Author :	Date:05/03/2013
	Note :	Page:2 of 2

FUNCTION_BLOCK STESnmpAcq

(SFR060A200) Acquires the 2 sensors value from STE thermometer
 ENCRYPTED CODE

```

VAR_INPUT
Enable : BOOL; (* FB enable *)
Acquire : BOOL; (* Acquire value command *)
File : FILEP; (* UDP socket pointer *)
PeerIP : STRING[ 15 ]; (* Peer IP adress *)
PeerPort : UINT; (* Peer port *)
END_VAR

VAR_OUTPUT
Done : BOOL; (* Function done *)
Fault : BOOL; (* Function fault *)
Sensor1 : REAL; (* Sensor 1 value *)
Sensor2 : REAL; (* Sensor 2 value *)
END_VAR
  
```

1

	Project : MultipleSTE	
	FUNCTION BLOCK : STESnmpAcq	
	Release : TestHwgSTE	Ver :1.00
	Author :	Date:05/03/2013
	Note :	Page:1 of 1