

```

VAR
i : INT; (* Auxiliary counter *)
Idx : USINT; (* Inex *)
LogRecord : STRING[ 255 ]; (* Record di log *)
TabMediet : ARRAY[ 0..31, 0..3 ] OF REAL; (* Tabella valori *)
Serial : SysSerialPort; (* Serial port *)
Pulse : BOOL; (* One shot *)
END_VAR

```

```

1 (* ***** *)
2 (* PROGRAM "" *)
3 (* ***** *)
4 (* ----- *)
5
6 (* ----- *)
7 (* INIZIALIZZAZIONI *)
8 (* ----- *)
9 (* Serial port initialization. *)
10
11 IF (SysFirstLoop) THEN
12     Serial.COM:=ADR('COM0'); (* COM port definition *)
13     Serial.Baudrate:=19200; (* Baudrate *)
14     Serial.Parity:='E'; (* Parity *)
15     Serial.DataBits:=8; (* Data bits *)
16     Serial.StopBits:=1; (* Stop bits *)
17     Serial.DTRManagement:=DTR_AUTO_WO_TIMES; (* DTR management *)
18     Serial.DTRComplement:=FALSE; (* DTR complement *)
19     Serial.EchoFlush:=FALSE; (* Received echo flush *)
20     Serial.DTROnTime:=0; (* DTR On time delay (mS) *)
21     Serial.DTROffTime:=0; (* DTR Off time delay (mS) *)
22     Serial.FlushTm:=0; (* Flush time (mS) *)
23     Serial.RxSize:=0; (* Rx buffer size *)
24     Serial.TxSize:=0; (* Tx buffer size *)
25 END_IF;
26
27 Serial(Open:=TRUE); (* Serial port management *)
28
29 (* ----- *)
30 (* LOOP DI STAMPA *)
31 (* ----- *)
32 (* Su variazione ingresso eseguo stampa. *)
33
34 IF (Di00CPU <> Pulse) THEN
35     Pulse:=Di00CPU; (* One shot *)
36     IF NOT(Pulse) THEN RETURN; END_IF;
37
38     (* Eseguo compilazione record. *)
39
40     LogRecord:='Record: ';
41     FOR Idx:= 0 TO 10 DO
42         i:=SysLWVarsnprintf(ADR(LogRecord), 255, '%07.3f;', REAL_TYPE, ADR(TabMediet[Idx,0]));
43         i:=SysLWVarsnprintf(ADR(LogRecord), 255, '%07.3f;', REAL_TYPE, ADR(TabMediet[Idx,2]));
44     END_FOR;
45
46 // LogRecord:= CONCAT(LogRecord,'$r$n');
47 i:=SysLWVarsnprintf(ADR(LogRecord), 255, '%s', STRING_TYPE, ADR('$r$n'));
48 i:=Sysfwrite(ADR(LogRecord), TO_INT(LEN(LogRecord)), 1, Serial.File);

```

Project : Printf

PROGRAM : ST

Release : Xtarget

Ver :1.00

Author :

Date:29/02/2016

Note :

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49      END_IF;  
50  
51 (* [End of file] *)  
52
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	PROGRAM : ST	
	Release : Xtarget	Ver :1.00
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