

Program blocks / 02_Controller / NeuralNetwork

Measurement [FB1]

Measurement Properties

General

Name	Measurement	Number	1	Type	FB	Language	SCL
Numbering	Manual						

Information

Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value
▼ Input		
y	Real	0.0
▼ Output		
r	Real	0.0
finish	Bool	false
InOut		
▼ Static		
r_array	Array[0..249] of Real	
y_array	Array[0..249] of Real	
i	Int	0
Temp		
Constant		

```

0001 IF #i=0 THEN
0002   #r:=#r_array[#i];
0003 END_IF;
0004
0005 IF #i>0 THEN
0006   IF #i<250 THEN
0007     #y_array[#i-1]:=#y;
0008     #r:=#r_array[#i];
0009   END_IF;
0010 END_IF;
0011
0012 IF #i=250 THEN
0013   #y_array[#i-1]:=#y;
0014   #finish:=true;
0015   #r:=0.0;
0016 END_IF;
0017
0018 #i:=#i+1;

```