

NEURAL_NETWORK_INITIALIZATION [FC6]

NEURAL_NETWORK_INITIALIZATION Properties							
General							
Name	NEURAL_NETWORK_INITIALI-ZATION	Number	6	Type	FC	Language	SCL
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value
Input		
Output		
InOut		
Temp		
Constant		
▼ Return		
NEURAL_NETWORK_INITIALIZATION	Void	

```
0001
0002 (*
0003 Neurona 1 (Capa Oculta):
0004 *)
0005 "HIDDEN_NEURON_DB_1".W_1 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_1_1;
0006 "HIDDEN_NEURON_DB_1".W_2 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_2_1;
0007 "HIDDEN_NEURON_DB_1".W_3 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_3_1;
0008 "HIDDEN_NEURON_DB_1".W_4 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_4_1;
0009 "HIDDEN_NEURON_DB_1".W_5 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_5_1;
0010 "HIDDEN_NEURON_DB_1".W_6 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_6_1;
0011 "HIDDEN_NEURON_DB_1".W_7 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_7_1;
0012 "HIDDEN_NEURON_DB_1".W_8 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_8_1;
0013 "HIDDEN_NEURON_DB_1".W_9 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_9_1;
0014 "HIDDEN_NEURON_DB_1".BIAS := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".B_1;
0015
0016
0017
0018 (*
0019 Neurona 2 (Capa Oculta):
0020 *)
0021 "HIDDEN_NEURON_DB_2".W_1 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_1_2;
0022 "HIDDEN_NEURON_DB_2".W_2 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_2_2;
0023 "HIDDEN_NEURON_DB_2".W_3 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_3_2;
0024 "HIDDEN_NEURON_DB_2".W_4 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_4_2;
0025 "HIDDEN_NEURON_DB_2".W_5 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_5_2;
0026 "HIDDEN_NEURON_DB_2".W_6 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_6_2;
0027 "HIDDEN_NEURON_DB_2".W_7 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_7_2;
0028 "HIDDEN_NEURON_DB_2".W_8 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_8_2;
0029 "HIDDEN_NEURON_DB_2".W_9 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_9_2;
0030 "HIDDEN_NEURON_DB_2".BIAS := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".B_2;
0031
0032
0033
0034 (*
0035 Neurona 3 (Capa Oculta):
0036 *)
0037 "HIDDEN_NEURON_DB_3".W_1 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_1_3;
0038 "HIDDEN_NEURON_DB_3".W_2 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_2_3;
0039 "HIDDEN_NEURON_DB_3".W_3 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_3_3;
0040 "HIDDEN_NEURON_DB_3".W_4 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_4_3;
0041 "HIDDEN_NEURON_DB_3".W_5 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_5_3;
0042 "HIDDEN_NEURON_DB_3".W_6 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_6_3;
0043 "HIDDEN_NEURON_DB_3".W_7 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_7_3;
0044 "HIDDEN_NEURON_DB_3".W_8 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_8_3;
0045 "HIDDEN_NEURON_DB_3".W_9 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_9_3;
0046 "HIDDEN_NEURON_DB_3".BIAS := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".B_3;
0047
0048
0049
0050 Neurona 4 (Capa Oculta):
0051 *)
0052 "HIDDEN_NEURON_DB_4".W_1 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_1_4;
0053 "HIDDEN_NEURON_DB_4".W_2 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_2_4;
0054 "HIDDEN_NEURON_DB_4".W_3 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_3_4;
0055 "HIDDEN_NEURON_DB_4".W_4 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_4_4;
0056 "HIDDEN_NEURON_DB_4".W_5 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_5_4;
0057 "HIDDEN_NEURON_DB_4".W_6 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_6_4;
0058 "HIDDEN_NEURON_DB_4".W_7 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_7_4;
0059 "HIDDEN_NEURON_DB_4".W_8 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_8_4;
0060 "HIDDEN_NEURON_DB_4".W_9 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_9_4;
0061 "HIDDEN_NEURON_DB_4".BIAS := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".B_4;
0062
0063
0064 (*
0065 Neurona 5 (Capa Oculta):
0066 *)
```

Totally Integrated Automation Portal		
<div>0067 "HIDDEN_NEURON_DB_5".W_1 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_1_5;</div> <div>0068 "HIDDEN_NEURON_DB_5".W_2 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_2_5;</div> <div>0069 "HIDDEN_NEURON_DB_5".W_3 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_3_5;</div> <div>0070 "HIDDEN_NEURON_DB_5".W_4 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_4_5;</div> <div>0071 "HIDDEN_NEURON_DB_5".W_5 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_5_5;</div> <div>0072 "HIDDEN_NEURON_DB_5".W_6 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_6_5;</div> <div>0073 "HIDDEN_NEURON_DB_5".W_7 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_7_5;</div> <div>0074 "HIDDEN_NEURON_DB_5".W_8 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_8_5;</div> <div>0075 "HIDDEN_NEURON_DB_5".W_9 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_9_5;</div> <div>0076 "HIDDEN_NEURON_DB_5".BIAS := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".B_5;</div> <div>0077</div> <div>0078</div> <div>0079</div> <div>0080 (*</div> <div>0081 Neurona 6 (Capa Oculta):</div> <div>0082 *)</div> <div>0083 "HIDDEN_NEURON_DB_6".W_1 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_1_6;</div> <div>0084 "HIDDEN_NEURON_DB_6".W_2 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_2_6;</div> <div>0085 "HIDDEN_NEURON_DB_6".W_3 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_3_6;</div> <div>0086 "HIDDEN_NEURON_DB_6".W_4 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_4_6;</div> <div>0087 "HIDDEN_NEURON_DB_6".W_5 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_5_6;</div> <div>0088 "HIDDEN_NEURON_DB_6".W_6 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_6_6;</div> <div>0089 "HIDDEN_NEURON_DB_6".W_7 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_7_6;</div> <div>0090 "HIDDEN_NEURON_DB_6".W_8 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_8_6;</div> <div>0091 "HIDDEN_NEURON_DB_6".W_9 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_9_6;</div> <div>0092 "HIDDEN_NEURON_DB_6".BIAS := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".B_6;</div> <div>0093</div> <div>0094</div> <div>0095</div> <div>0096 (*</div> <div>0097 Neurona de salida</div> <div>0098 *)</div> <div>0099 "OUTPUT_NEURON_DB".W_1 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_1_O;</div> <div>0100 "OUTPUT_NEURON_DB".W_2 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_2_O;</div> <div>0101 "OUTPUT_NEURON_DB".W_3 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_3_O;</div> <div>0102 "OUTPUT_NEURON_DB".W_4 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_4_O;</div> <div>0103 "OUTPUT_NEURON_DB".W_5 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_5_O;</div> <div>0104 "OUTPUT_NEURON_DB".W_6 := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".W_6_O;</div> <div>0105 "OUTPUT_NEURON_DB".BIAS := "NEURAL_NETWORK_WEIGHTS_BIASES_NORMALIZATION".B_O;</div>		