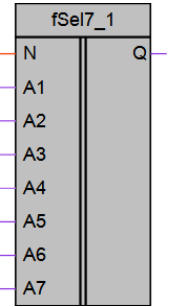


Set value selector

fSel7_



Input	Data type	Description
N	INT	ID
A1	REAL	Value 1
A2	REAL	Value 2
A3	REAL	Value 3
A4	REAL	Value 4
A5	REAL	Value 5
A6	REAL	Value 6
A7	REAL	Value 7
Output	Data type	Description
Q	REAL	Selected value

Settings	
A1-ID	1
A2-ID	2
A3-ID	3
A4-ID	4
A5-ID	5
A6-ID	6
A7-ID	7

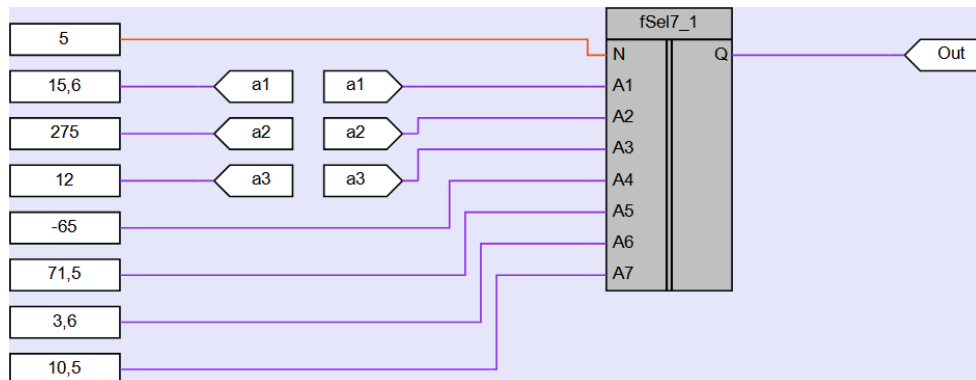
Function

One from up to 7 set values can be selected with this macro.

- To each value is an ID from 1 to 7 assigned. The assignment can be changed in the Properties Box.
- If a number from 1 to 7 is present at the input N, the corresponding value is sent to the output.
- If the value at the input N differs, the output is reset to 0.
- Constants or variables can be connected to the inputs A1..A7.

Example 1:

The constant 5 is present at the input N, the constant 71.2 is switched to the output Q. In this example the values have been numbered by default.



Example 2:

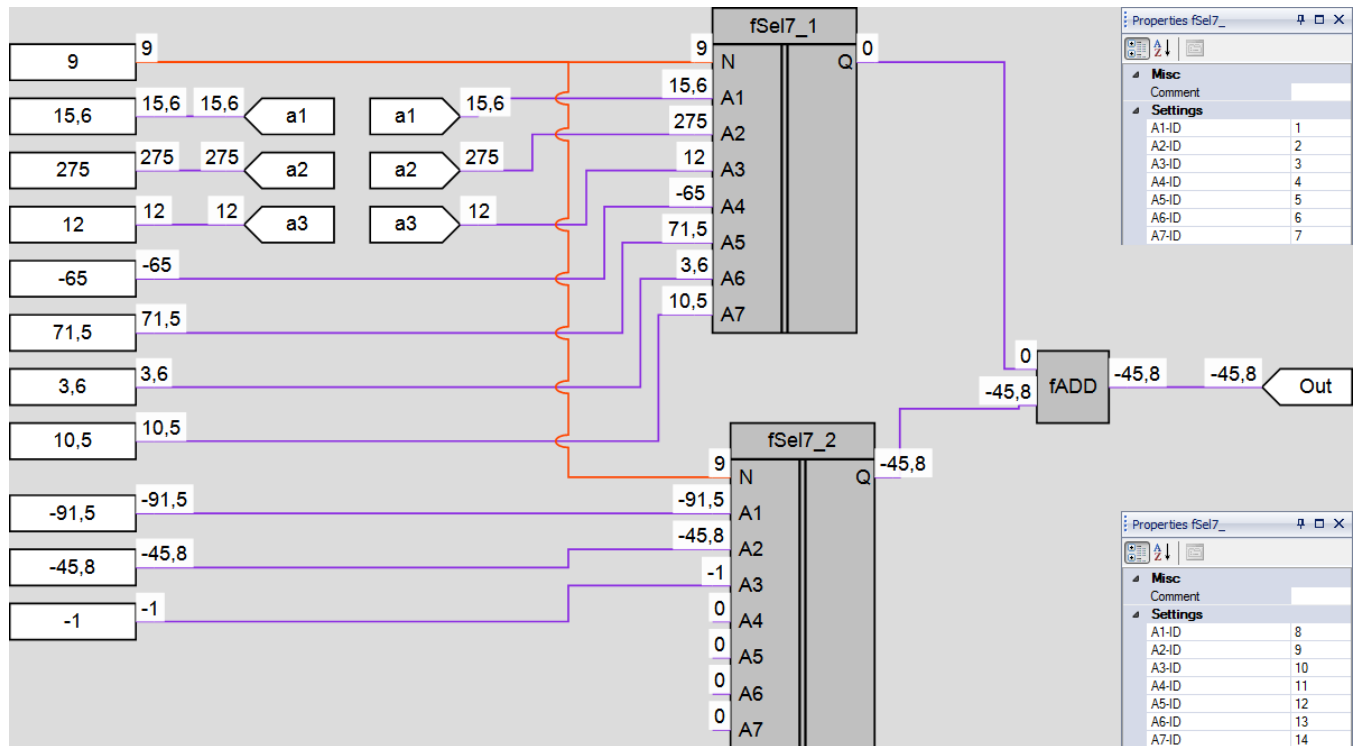
Suppose there are more than 7 set values required. Let us consider the case with 10 values.

We take 2 macro blocks and connect the two inputs N with the variable X (ID)

We put the 10 values on the inputs Ax of the two blocks and we assign IDs 8-14 to the inputs Ax of the second block.

We connect the outputs of the two blocks with the fADD operator (REAL-Addition).

If we put the ID = 9 at the input N, the output is -45.8.



Devices	PR114, PR200
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