

Sommario

VC10CollVal	3
 <i>IMPLEMENTATION</i>	3

VC10CollVal

V = Variables

C = Calculation functions The VC10CollVal function sets a result on a variable (result) on the basis of the value from a variable than other 2.

The function follows the following truth table:

Truth table

val01 > val02	result = 0
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All subsequent cases relate to val01 ≤ val02 and analyze only Val03

val03 < val01	result = 1
val01 ≤ val03 < val02	result = 2
val03 ≥ val02	result = 3

IMPLEMENTATION

VC10CollVal (val01, val02, val03, Result)

Parameters:

IN/OUT	VARIABLE TYPE	EXAMPLE NAME	DIM	
IN	SYSTEM	val01	L/S	First value to compare
IN	SYSTEM	val02	L/S	Second value to compare
IN	SYSTEM	val03	L/S	The value to compare with val01 and val02
OUT	SYSTEM	result	B	Variable containing the result of the comparison according to the truth table shown above

Example

Run the comparison when the “gfComp” flag is set to 1.

```
IF gfComp
  gfComp = 0
  val01 = 1000
  val02 = 5000
  VC10CollVal (val01, val02, val03, result)
ENDIF
```

Note

- The function execute a WAIT a time every 180 milliseconds

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