

brsatof()

Converts a string to a REAL (FLOAT) value

The numerical value to be converted must be represented in decimal format. Other number formats, such as binary, hexadecimal, etc. are not supported.

This function block can only be used for **redundancy** in certain circumstances!
Applicable limitations are described in the following sections:

[Hidden pointer usage](#)

For additional information about redundancy, see section ["Redundancy"](#).

Parameters

| I/O | Parameter | Data type | Description |
|-----|-----------|---|--|
| IN | pString | UDINT (given as a pointer to STRING) | Address of the string that should be converted |
| OUT | z | REAL | Numerical value of the string |

Call syntax (Automation Basic)

```
z = brsatof(adr(Str))
```

Note

Function "brsatof" converts a string to a REAL (FLOAT) value.

Examples

[Automation Basic](#)

[ANSI C](#)

[Structured Text](#)