

# How to Use Transfer Output

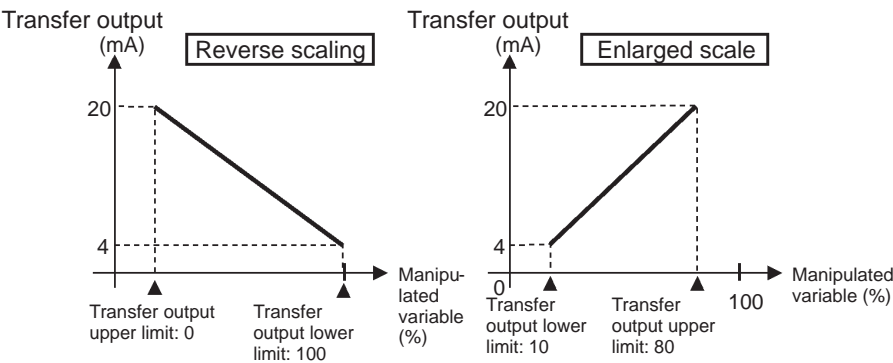
- When using transfer output, add on the communications unit (E53-AKF).

## Transfer output type

- You can select the following five data items in the “transfer output type” parameter (option mode) as the transfer outputs:  
Present SP (default), Process value, Manipulated variable (heat),  
Manipulated variable (cool), Valve opening  
However, note that heating/cooling side manipulated variables can be output only on standard type controllers, and valve opening can be output on position-proportional type controllers.
- If the output assignment is changed when either the “manipulated variable (heat)” or “manipulated variable (cool)” parameter is selected, the factory setting “set point” is returned to.

## Transfer output scaling

- These transfer outputs can be scaled according to the settings of the “transfer output upper limit” and “transfer output lower limit” parameters before output. Setting of an upper limit value smaller than the lower limit value is allowed, so reverse scaling can also be carried out. Also, the scale can be enlarged by the upper- and lower-limit width specified for each data item. The following example shows scaling of the heating side manipulated variable.



## Parameters

Symbol	Parameter Name: Mode	Description
$\text{E} \text{ r } - \text{E}$	Transfer output type : Option	Transfer output designation
$\text{E} \text{ r } - \text{H}$	Transfer output upper limit : Option	Transfer output scaling
$\text{E} \text{ r } - \text{L}$	Transfer output lower limit : Option	Transfer output scaling