

Parameter Area Read

Text within the Command Frame

MRC	SRC	Parameter type	Starting read address	Number of elements
"02"	"01"	See 1.	See section 1-2.	"8001"
2 bytes	2 bytes	2 bytes	4 bytes	4 bytes

1, 2, 3...

Parameter type

K3NH

Type	Meaning
"8000"	Input type, decimal point position (see note), average processing, hysteresis, and comparative output pattern
"C00C"	Scaling upper limit value, scaling lower limit value, upper-limit compensation value, and Lower-limit compensation value
"8824"	Temperature unit, standby sequence, and display digit change

Note An error response will be returned if a temperature input (in-t) has been selected for the input type.

K3NX

Type	Meaning
"8000"	Input range, decimal point position, average processing, startup compensation time, hysteresis, and comparative output pattern
"C00C"	Scaling input value 2, scaling display value 2, scaling input value 1, and scaling display value 1
"8824"	Power supply frequency

K3NV

Type	Meaning
"8000"	Input range, decimal point position, average processing, startup compensation time, hysteresis, and comparative output pattern
"C00C"	Scaling input value 2, scaling display value 2, scaling input value 1, and scaling display value 1
"8824"	Power supply frequency

K3NR

Type	Meaning
"8000"	Operating mode, decimal point position, process time for averaging measured value, startup compensation time, hysteresis, and comparative output pattern
"C00C"	Prescaling value X (mantissa) of input A, prescaling value Y (exponent) of input A, prescaling value X (mantissa) of input B, and prescaling value Y (exponent) of input B
"8824"	Sensor type, time unit, power failure memory
"C82A"	Auto zero time of input A X (mantissa), auto zero time of input A Y (exponent), auto zero time of input B Y (mantissa), and auto zero time of input B Y (exponent)

K3NP

Type	Meaning
"8000"	Operating mode, decimal point position, and comparative output pattern
"C00C"	Prescaling value X (mantissa) of input A and prescaling value Y (exponent) of input A
"8824"	Sensor type and time unit

K3NC

Type	Meaning
"8000"	Operating format, decimal point position, and comparative output pattern
"C00C"	Prescaling value X (mantissa) of input A and prescaling value Y (exponent) of input A
"8824"	Sensor type, power failure memory, and compensation input condition
"C82A"	Compensation value

Starting read address

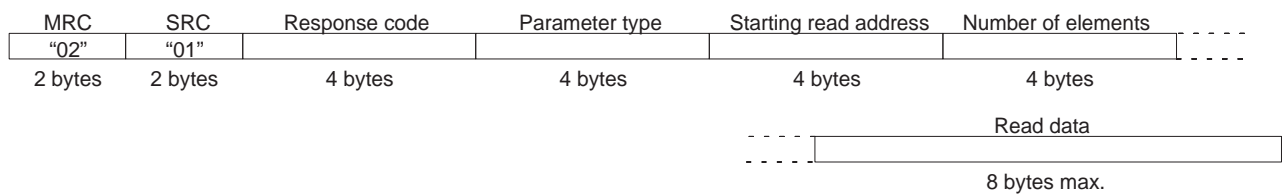
Specify (in 4-digit hexadecimal) the address of the data which you want to read. Refer to 1–5 *Memory/Parameter Area Details* for details on the starting addresses of each parameter type.

Number of elements

Number of elements	Process
"8001"	Executes the read operation and completes it normally.

Note If "8000" is specified, the read operation won't be executed but the command will be completed normally. Any value other than "8000" or "8001" will cause a parameter error.

Response Text within the Response Frame



1, 2, 3...

Response codes

Response code	Meaning
"0000"	Normal completion
"1001"	Command too long
"1002"	Command too short
"1100"	Parameter error
"1101"	Area type error
"1103"	Starting address out-of-range error
"2203"	Operating error

Parameter type and starting read address

The parameter type and starting read address specified in the command will be returned.

Read data

The data specified in the command will be returned.

Number of elements

The number of elements specified in the command will be returned.