

# Command Text Composition

## Valid Command Codes

Command		Action	Comments
MRC	SRC		
"01"	"01"	Memory area read	Reads or writes the present value (PV), maximum value, minimum value, status, or set value.
"01"	"02"	Memory area write	
"02"	"01"	Parameter area read	Reads or writes settings other than present values.
"02"	"02"	Parameter area write	
"05"	"03"	Properties read	Reads information such as model number and buffer size, which the host computer uses to verify the upper limit of the data length.
"06"	"01"	Controller status read	Reads operational status information.
"08"	"01"	Internode echo test	Returns data sent from the host computer unchanged.
"30"	"05"	Operating command	Executes hold, reset, forced-zero, max./min. value reset, remote/local selection, or mode selection.

## Command Frame Composition

STX	Node No.		Sub-address	SID	ETX		BCC
(02)	( $\times 10^1$ )	( $\times 10^0$ )	"00"	"0"	Command text		(03)

MRC	SRC	Data
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Command	Code		Data					See
Memory area read	"01"	"01"	Memory type	Address	"00"	Number of elements	---	1-4-1
Memory area write	"01"	"02"	Memory type	Address	"00"	Number of elements	Write data	1-4-3
Parameter area read	"02"	"01"	Parameter type	Address	Number of elements		---	1-4-4
Parameter area write	"02"	"02"	Parameter type	Address	Number of elements		Write data	1-4-5
Properties read	"05"	"03"	---					1-4-6
Controller status read	"06"	"01"						1-4-7
Internode echo test	"08"	"01"	Test data					1-4-8
Operating command	"30"	"05"	Command code					1-4-9