Bit data

Data size and data range

Bit data is handled in increments of bits such as contacts and coils.

Data name	Data size	Value range
Bit data	1 bit	0, 1

Handling bit data with bit devices and labels

Bit data of one point per point can be handled.

Handling bit data with bit word devices

By specifying a bit number for a word device, bit data of the specified bit number can be handled.

A bit in a word device can be specified by "Word device number.Bit number".

A bit number can be specified in hexadecimal in the range from 0 to F.

For example, bit 5 (b5) of D0 is specified as D0.5, and bit 10 (b10) of D0 is specified as D0.A.

The following word devices support bit specification.

Item	Device
Word devices which support bit specification	• Data register (D) • Link register (W) • Link special register (SW) • Special register (SD) • Module access device (U□\G) • File register (R)

Handling bit data with word type labels

By specifying a bit number for a word [unsigned]/bit string [16 bits] type label or word [signed] type label, bit data of the specified bit number can be handled.

A bit in a word type label can be specified by "Label name.Bit number".