

# TIA Coding of data types

The following table lists the coding of data types for the [ANY](#) pointer:

Hexadecimal code	Data type	Description
<b>B#16#00</b>	NIL	Null pointer
<b>B#16#01</b>	BOOL	Bits
<b>B#16#02</b>	BYTE	bytes, 8 bits
<b>B#16#03</b>	CHAR	8-bit characters
<b>B#16#04</b>	WORD	16-bit words
<b>B#16#05</b>	INT	16-bit integers
<b>B#16#06</b>	DWORD	32-bit words
<b>B#16#07</b>	DINT	32-bit integers
<b>B#16#08</b>	REAL	32-bit floating-point numbers
<b>B#16#0B</b>	TIME	Time duration
<b>B#16#0C</b>	S5TIME	Time duration
<b>B#16#09</b>	DATE	Date
<b>B#16#0A</b>	TOD	Date and time
<b>B#16#0E</b>	DT	Date and time
<b>B#16#13</b>	STRING	Character string
<b>B#16#17</b>	BLOCK_FB	Function block
<b>B#16#18</b>	BLOCK_FC	Function
<b>B#16#19</b>	BLOCK_DB	Data block
<b>B#16#1A</b>	BLOCK_SDB	System data block
<b>B#16#1C</b>	COUNTER	Counter
<b>B#16#1D</b>	TIMER	Timer

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