

TIME_OF_DAY (TOD)

Format

Data type TOD (TIME_OF_DAY) occupies a double word and stores the number of milliseconds since the beginning of the day (0:00 h) as unsigned integer.

The following table shows the properties of data type TOD:

Length (bytes)	Format	Value range	Examples of value input
4	Time-of-day (hours:minutes:seconds.milliseconds)	TOD#00:00:00.000 to TOD#23:59:59.999	TOD#10:20:30.400, TIME_OF_DAY#10:20:30.400

You always need to specify the hours, minutes and seconds. The specification of milliseconds is optional.

See also

[Overview of the valid data types](#)

[Basics of constants](#)

[Data type conversion for S7-1200 \(S7-1200\)](#)