

LTOD (LTIME_OF_DAY)



Format

Data type LTOD (LTIME_OF_DAY) occupies two double words and stores the number of nanoseconds since the beginning of the day (0:00 h) as unsigned integer.

The following table shows the properties of data type LTOD:

Length (bytes)	Format	Value range	Examples of value input
8	Time-of-day (hours:minutes:seconds.nanoseconds)	LTOD#00:00:00.00000 to LTOD#23:59:59.99999	LTOD#10:20:30.400_365_215, LTIME_OF_DAY#10:20:30.400_365_215

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

See also

- [Overview of the valid data types](#)
- [Overview of data type conversion \(S7-1500\)](#)
- [Basics of constants](#)
- [Implicit conversions \(S7-1500\)](#)
- [Explicit conversions \(S7-1500\)](#)
- [Data type conversion for S7-1200 \(S7-1200\)](#)