The following datetime format strings can be used as when creating timestamp format strings in products like the LGH File Inspector, the OPC Data Logger, or our OPC Data Client development toolkit - that allow custom timestamp formats to be specified.

Format specifier	Description	Examples
"d"	The day of the month, from 1 through 31.	2020-06-01T13:45:30 -> 1
"dd"	The day of the month, from 01 through 31.	2020-06-01T13:45:30 -> 01
"ddd"	The abbreviated name of the day of the week.	2020-06-15T13:45:30 -> Mon (en-US)
"dddd"	The full name of the day of the week.	2020-06-15T13:45:30 -> Monday (en-US)
"f"	The tenths of a second in a date and time value.	2020-06-15T13:45:30.6170000 -> 6
"ff"	The hundredths of a second in a date and time value.	2020-06-15T13:45:30.6170000 -> 61
"fff"	The milliseconds in a date and time value.	2020-06-15T13:45:30.6170000 -> 617
"ffff"	The ten thousandths of a second in a date and time value.	2020-06-15T13:45:30.6175000 -> 6175
"fffff"	The hundred thousandths of a second in a date and time value.	2020-06-15T13:45:30.6175400 -> 61754
"ffffff"	The millionths of a second in a date and time value.	2020-06-15T13:45:30.6175420 -> 617542
"fffffff"	The ten millionths of a second in a date and time value.	2020-06-15T13:45:30.6175425 -> 6175425
"F"	If non-zero, the tenths of a second in a date and time value.	2020-06-15T13:45:30.6170000 -> 6
"FF"	If non-zero, the hundredths of a second in a date and time value.	2020-06-15T13:45:30.6170000 -> 61
"FFF"	If non-zero, the milliseconds in a date and time value.	2020-06-15T13:45:30.6170000 -> 617
"FFFF"	If non-zero, the ten thousandths of a second in a date and time value.	2020-06-15T13:45:30.5275000 -> 5275
"FFFFF"	If non-zero, the hundred thousandths of a second in a date and time value.	2020-06-15T13:45:30.6175400 -> 61754
"FFFFFF"	If non-zero, the millionths of a second in a date and time value.	2020-06-15T13:45:30.6175420 -> 617542
"FFFFFFF"	If non-zero, the ten millionths of a second in a date and time value.	2020-06-15T13:45:30.6175425 -> 6175425
"g", "gg"	The period or era.	2020-06-15T13:45:30.6170000 -> A.D.
"h"	The hour, using a 12-hour clock from 1 to 12.	2020-06-15T01:45:30 -> 1
"hh"	The hour, using a 12-hour clock from 01 to 12.	2020-06-15T01:45:30 -> 01
"H"	The hour, using a 24-hour clock from 0 to 23.	2020-06-15T01:45:30 -> 1
"HH"	The hour, using a 24-hour clock from 00 to 23.	2020-06-15T01:45:30 -> 01

"K"	Time zone information.	2020-06-15T13:45:30, Kind Local -> -07:00 (depends on local computer settings)
"m"	The minute, from 0 through 59.	2020-06-15T01:09:30 -> 9
"mm"	The minute, from 00 through 59.	2020-06-15T01:09:30 -> 09
"M"	The month, from 1 through 12.	2020-06-15T13:45:30 -> 6
"MM"	The month, from 01 through 12.	2020-06-15T13:45:30 -> 06
"MMM"	The abbreviated name of the month.	2020-06-15T13:45:30 -> Jun (en-US)
"MMMM"	The full name of the month.	2020-06-15T13:45:30 -> June (en-US)
"s"	The second, from 0 through 59.	2020-06-15T13:45:09 -> 9
"ss"	The second, from 00 through 59.	2020-06-15T13:45:09 -> 09
"t"	The first character of the AM/PM designator.	2020-06-15T13:45:30 -> P (en-US)
"tt"	The AM/PM designator.	2020-06-15T13:45:30 -> PM (en-US)
"y"	The year, from 0 to 99.	0001-01-01T00:00:00 -> 1
"yy"	The year, from 00 to 99.	0001-01-01T00:00:00 -> 01
"yyy"	The year, with a minimum of three digits.	0001-01-01T00:00:00 -> 001
"yyyy"	The year as a four-digit number.	0001-01-01T00:00:00 -> 0001
"yyyyy"	The year as a five-digit number.	0001-01-01T00:00:00 -> 00001
"z"	Hours offset from UTC, with no leading zeros.	2020-06-15T13:45:30-07:00 -> -7
"zz"	Hours offset from UTC, with a leading zero for a single-digit value.	2020-06-15T13:45:30-07:00 -> -07
"zzz"	Hours and minutes offset from UTC.	2020-06-15T13:45:30-07:00 -> -07:00
":"	The time separator.	2020-06-15T13:45:30 -> : (en-US)
"/"	The date separator.	2020-06-15T13:45:30 -> / (en-US)
"*string*"	Literal string delimiter.	2020-06-15T13:45:30 ("arr:" h:m t) -> arr: 1:45 P
'*string*'	More information: Character literals.	2020-06-15T13:45:30 ('arr:' h:m t) -> arr: 1:45 P
%	Defines the following character as a custom format specifier.	2020-06-15T13:45:30 (%h) -> 1
\	The escape character.	2020-06-15T13:45:30 (h \h) -> 1 h
Any other character	The character is copied to the result string unchanged.	2020-06-15T01:45:30 (arr hh:mm t) -> arr 01:45 A