ORTEC

ORTEC 871

Timer and counter

ORTEC 871 – timer and counter from ORTEC. Counting sections: 2. Capacity per section: 8 decades.



Counting sections	Capacity per section	Net weight
2 [1]	**8 decades** [1]	**.5 kg** [1]

Specifications

PERFORMANCE

Pulse pair resolution, minimum	40 ns	[1]
Time base inaccuracy	<±5 ppm	[1]

MEASURING RANGE

Guaranteed counting rate	25 MHz; both sections	[1]

ELECTRONICS & SIGNAL

Counting sections	2	[1]

COOLING

Capacity per section	8 decades	[1]

MECHANICAL

Net weight	1.5 kg	[1]

GENERAL

Internal clock	1 MHz	[1]
Time base increments	0.1 s / 1 min	[1]
Module width	NIM-2	[1]

Sources

[1] **871 Timer and Counter**
ORTEC (AMETEK) · product-page · Specifications – Performance; Specifications – Electrical and Mechanical · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/electronic-instruments/coun...

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.