ORTEC

ORTEC 449-2

Log/lin ratemeter with audible output

Analog ratemeter for monitoring pulse rates on a linear or logarithmic scale. The 449-2 version includes audible indication.



Net weight

.5 kg [1]

Specifications

PERFORMANCE

Meter accuracy	2% of full scale	[1]

MEASURING RANGE

Linear full-scale ranges	11 ranges: 10–10^6 counts/s (1–3–10 steps)	[1]
Logarithmic range	10–10^6 counts/s; 5 decades	[1]

ELECTRONICS & SIGNAL

Input	Positive or negative; amplitude ≥3 V; pulse width ≥50 ns	[1]
Analog output	0–10 V full scale; 100 Ω	[1]
Audible output	Approximately 0–500 Hz; threshold 0–100% of selected full scale	[1]

MECHANICAL

Net weight	1.5 kg	[1]

GENERAL

Zero suppression	0–100% of full scale	[1]
Module width	Double width (NIM standard)	[1]

Sources

[1] **449/449-2 Log/Lin Ratemeter**
RTEC (AMETEK) · datasheet · p. 1, Specifications – Performance (Linear); p. 1, Specifications – Logarithmic; p. 1, Inputs · checked 2026-10-16
https://edge.sitecorecloud.io/ametekinc1236b-ametekb19a-productiondcfa-1d17/media/Project/Ametek/ortec-onlin...

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.