ORTEC

ORTEC 276

PMT base with preamplifier

ORTEC 276 – PMT base with preamplifier from ORTEC. PMT co mpatibility: 10-stage, 14-pin; JEDEC B14-38. Weight: 0.65 kg net.



PMT compatibility
10-stage, 14-pin; JEDEC B14-38 [1]

Weight
.65 kg net [1]

Specifications

DETECTOR

PMT compatibility	10-stage, 14-pin; JEDEC B14-38	[1]

PERFORMANCE

Integral nonlinearity	<±0.02% from 0 to +10 V	[1]

ELECTRONICS & SIGNAL

Preamplifier	Integral low-noise preamplifier (dc-coupled output for energy analysis)	[1]
Detector bias	External: +2,000 V maximum; observe PMT rated voltage	[1]
utput rise time	<100 ns with fast pulser at test input or fast scintillator	[1]

POWER & BATTERY

Power supply	+24 V, 16 mA; –24 V, 16 mA	[1]

MECHANICAL

Weight	0.65 kg net	[1]
Dimensions	Ø5.6 × 10.2 cm; captive 3 m power cable	[1]

GENERAL

Decay time	50 µs time constant	[1]

Sources

[1] **276 Photomultiplier Base with Preamplifier**
RTEC (AMETEK) · datasheet · p. 1, features; Inputs (PM SOCKET); p. 1, description; p. 1 Inputs (POS HV); p. 2 Electrical and Mechanical · che cked 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.