

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

VEXTA

VEXTA PH264-E1.5 2 PHASE STEPPING MOTOR 1.8DEG/STEP DC 1.5A, 1.5? NEW

The VEXTA PH264-E1.5 is a 2-phase stepping motor engineered for precision motion control in industrial automation. Operating on DC power at 1.5 A per phase, it delivers a 1.8° step angle (200 steps per revolution) with 1.5 Ω coil resistance per phase. Holding torque reaches approximately 40.3 oz-in (0.28 N·m), making it suitable for controlled positioning and indexing applications demanding accuracy and repeatability. Compatibility & Integration The 8-wire configuration allows straightforward integration with bipolar or unipolar stepper drivers. Mount to a flat metal plate with excellent vibration resistance and thermal conductivity. Avoid environments with excessive vibration, electromagnetic noise, or strong magnetic fields. Aumictech offers NIST-traceable calibration and repair for the Vexta PH264-E1.5. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Vexta PH264-E1.5 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.



MODEL

Vexta PH264-E1.5

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PH264-E1.5

LISTING

<https://aumictechlabs.com/products/ph264-e1-5-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The VEXTA PH264-E1.5 is a 2-phase stepping motor engineered for precision motion control in industrial automation. Operating on DC power at 1.5 A per phase, it delivers a 1.8° step angle (200 steps per revolution) with 1.5 Ω coil resistance per phase. Holding torque reaches approximately 40.3 oz-in (0.28 N·m), making it suitable for controlled positioning and indexing applications demanding accuracy and repeatability.

Technical Specifications

Electrical	Mechanical	Performance
Motor Type: 2-Phase Stepping Motor	Step Angle: 1.8° per step (200 steps/revolution)	Rated Current per Phase: 1.5 A
Coil Resistance per Phase: 1.5 Ω	Power Type: DC	Wiring Configuration: 8-wire, configurable for bipolar or unipolar operation
Mechanical Mounting Standard: NEMA 23	Frame Size: Approximately 57 mm (2.22 inches) square	Shaft Type: Single and dual shaft configurations available
Holding Torque: 40.3 oz-in (0.28 N·m)	Rotor Inertia: 36 g·cm ² (0.3 oz-in ²)	Weight: 0.88 lbs (0.4 kg)

Key Features

- NEMA 23 standard frame ensures compatibility with industry-standard mounting interfaces
- Dual-shaft variants available for coupled-load or encoder applications
- Configurable winding topology supports both bipolar and unipolar drive circuits
- Japanese manufacturing by Oriental Motor Co., Ltd., VEXTA brand

Typical Applications

- Precision positioning and indexing systems
- Industrial automation and robotic motion control
- Automated machinery requiring repeatable 1.8° step increments

Compatibility & Integration

The 8-wire configuration allows straightforward integration with bipolar or unipolar stepper drivers. Mount to a flat metal plate with excellent vibration resistance and thermal conductivity. Avoid environments with excessive vibration, electromagnetic noise, or strong magnetic fields.

Features & description

From manufacturer datasheet

Technical Specifications

Motor Type: 2-Phase Stepping Motor Step Angle: 1.8° per step (200 steps/revolution) Rated Current per Phase: 1.5 A Coil Resistance per Phase: 1.5 Ω Power Type: DC Wiring Configuration: 8-wire, configurable for bipolar or unipolar operation Mechanical Mounting Standard: NEMA 23 Frame Size: Approximately 57 mm (2.22 inches) square Shaft Type: Single and dual shaft configurations available Holding Torque: 40.3 oz-in (0.28 N·m) Rotor Inertia: 36 g·cm² (0.3 oz-in²) Weight: 0.88 lbs (0.4 kg)

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Vexta PH264-E1.5 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Vexta PH264-E1.5. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values [Request Calibration](#) → [Request Repair Quote](#) →

Vexta PH264-E1.5 price

This Vexta PH264-E1.5 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Vexta PH264-E1.5 calibration cost

NIST-traceable calibration for the Vexta PH264-E1.5 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

Precision positioning and indexing systems Industrial automation and robotic motion control Automated machinery requiring repeatable 1.8° step increments Compatibility & Integration The 8-wire configuration allows straightforward integration with bipolar or unipolar stepper drivers. Mount to a flat metal plate with excellent vibration resistance and thermal conductivity. Avoid environments with excessive vibration, electromagnetic noise, or strong magnetic fields.

Unit notes

The VEXTA PH264-E1.5 is a 2-phase stepping motor engineered for precision motion control in industrial automation. Operating on DC power at 1.5 A per phase, it delivers a 1.8° step angle (200 steps per revolution) with 1.5 Ω coil resistance per phase. Holding torque reaches approximately 40.3 oz-in (0.28 N·m), making it suitable for controlled positioning and indexing applications demanding accuracy and repeatability.

Technical Specifications

Electrical Motor Type	2-Phase Stepping Motor
Step Angle	1.8° per step (200 steps/revolution)
Rated Current per Phase	1.5 A
Coil Resistance per Phase	1.5 Ω
Power Type	DC
Wiring Configuration	8-wire, configurable for bipolar or unipolar operation
Mechanical Mounting Standard	NEMA 23
Frame Size	Approximately 57 mm (2.22 inches) square
Shaft Type	Single and dual shaft configurations available
Holding Torque	40.3 oz-in (0.28 N·m)
Rotor Inertia	36 g·cm ² (0.3 oz-in ²)
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Typical Applications

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Compatibility & Integration

The 8-wire configuration allows stra

PH264-E1.5 Specifications

PARAMETER	VALUE
Voltage / Current Range	DC 1.5 A per phase
m) Rotor Inertia	36 g
cm² (0.3 oz-in²) Weight	0.88 lbs (0.4 kg)

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

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PH264-E1.5 Specifications

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Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

Request Calibration → Request Repair Quote →

Vexta PH264-E1.5 price

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Vexta PH264-E1.5 calibration cost

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Applications

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Compatibility & Integration The 8-wire configuration allows straightforward integration with bipolar or unipolar stepper drivers. Mount to a flat metal plate with excellent vibration resistance and thermal

conductivity. Avoid environments with excessive vibration, electromagnetic noise, or strong magnetic fields.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.