



Kollmorgen - PD Servostar Servo Drives

PRD-0045000z-25



AUTOMATION
FACTORY



Request a Quote

- ✓ Get a Quote in 5 minutes
- ✓ Parts ship in as little as 24 hours
- ✓ Up to half the cost of the manufacturer



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One Year
Warranty

The **PRD-0045000z-25** is a part of the **PD Servostar Servo Drives Series** by Kollmorgen.

Specifications

Cable Length Recommendation:	Separate voltage regulator required for length >50 ft	Differential Signal:	Do not connect single-ended	Drive Current Limit:	55 mA AC-RMS for resolvers
Encoder Output Frequency:	3 MHz maximum frequency for standard encoders	Interpolation:	256x cycle breakdown for sine encoders	Maximum Cable Length:	50 ft. (15m.) Recommended
Maximum Input Frequency:	3 MHz before quadrature, 12 MHz after quadrature	Maximum Line Count:	10,000,000 lines per motor electrical cycle	Maximum Supply Current:	250 mA
Position Resolution:	18-bit velocity control, 16-bit for resolvers	Resolver Frequency:	7-8 kHz modulation frequency	Signal Type:	A-quadr-B and Marker, Differential or Open Collector
System Voltage:	5 VDC	Temperature Limit Accuracy:	< 20 arcminutes system accuracy with certain resolvers	Weight:	1.22 lbs / 0.55 kgs
Last Verified:	09/04/2025 9:43 PM				

Contact Us

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Shipping Options



Payment Methods

