

B & R Automation - 8LS Synchronous Motors

8LSA45.DB022S300-3

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The **8LSA45.DB022S300-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Single-cable solution (hybrid)	Connection Hardware:	Connector
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Electrical Connection:	Radial cable, 1 meter (or as specified)
Encoder Technology:	Inductive EnDat	Encoder Type:	Incremental	EnDat Version:	2.2
Flange Dimension:	100 (mm)	Flange Type:	Clamping Flange	Holding Brake:	Standard holding brake
Housing Diameter:	58 mm	Ip Protection Class:	IP65	Length Code:	5
Max Rotational Speed:	6000 rpm	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
Oil Seal:	Not Present	Operating Temperature:	-20°C to +85°C	Output Type:	Push-pull (HTL)
Product Revision:	3	Product Series:	8LSA	Rated Speed:	2200 (rpm)
Resolution:	19/12 (Single/Multi-turn bits)	Shaft End:	With key	Supply Voltage:	5-30 VDC
Turn Capability:	Multi-turn (4096 revs)	Last Verified:	05/19/2026 3:53 AM		

Contact Us

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Shipping Options



Payment Methods



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