

**B & R Automation - 8DI ACOPOS Motors**

**8DI330.D90450001-1**



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The **8DI330.D90450001-1** is a part of the **8DI ACOPOS Motors Series** by **B & R Automation**.

**Specifications**

<b>Additional POWERLINK Connection:</b>	No	<b>Configuration Version:</b>	1	<b>Connection Type:</b>	X20 terminal block
<b>Degree Of Protection:</b>	IP20	<b>Distinguishable Revolutions:</b>	4096 (12-bit)	<b>Encoder Technology:</b>	EnDat 2.2
<b>Encoder Turn Type:</b>	Multi-turn functional safety	<b>Holding Brake Equipped:</b>	No	<b>Input Current:</b>	8 mA (per channel)
<b>Input Delay Time:</b>	Approx. 3 ms	<b>Input Type:</b>	Digital	<b>Input Voltage Range:</b>	24 VDC
<b>Isolation:</b>	Channel to bus isolated	<b>Module Length Code:</b>	3	<b>Module Size Code:</b>	3
<b>Module Type:</b>	B&R X20 digital input module	<b>Module Width:</b>	12.5 mm	<b>Number of pole pairs:</b>	4
<b>Oil Seal Equipped:</b>	No	<b>Operating Principle:</b>	Inductive	<b>Operating Temperature:</b>	-25°C to +60°C
<b>Permissible Axial Force:</b>	1400 N	<b>Power Consumption:</b>	0.7 W (typical)	<b>Precision:</b>	±120"
<b>Product Series:</b>	8DI ACOPOS motor	<b>Rated Nominal Speed:</b>	4500 rpm	<b>Safety Technology Level:</b>	Hardwired safety technology
<b>Shaft End Type:</b>	Smooth	<b>Shock:</b>	<=2,000 m/s <sup>2</sup>	<b>Special-purpose shaft Option:</b>	Special-purpose shaft 14h6, shaft length 30 mm
<b>Storage Temperature:</b>	-40°C to +85°C	<b>Vibration:</b>	<=400 m/s <sup>2</sup> / <=1000 m/s <sup>2</sup>	<b>Order Date:</b>	05/19/2026

**Contact Us**

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**Shipping Options**



**Payment Methods**



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