



## Pacific Scientific - PC800 - PCE800 Brushless Servo Drives

### DSD10-1A-001



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- ✓ Up to half the cost of the manufacturer



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The **DSD10-1A-001** is a part of the **PC800 - PCE800 Brushless Servo Drives Series** by **Pacific Scientific**.

### Specifications

<b>Ambient storage temperature:</b>	-40°C to 70°C	<b>Communication interface:</b>	RS232/RS485	<b>Control input power:</b>	15 W to 25 W
<b>Dimensions (PCE8x3):</b>	H 254 mm, W 121.7 mm	<b>Dimensions (PCE8x5):</b>	H 254 mm, W 146.7 mm	<b>Input voltage range:</b>	85 <sup>SFR</sup> 265 VAC; 130 <sup>SFR</sup> 370 VDC
<b>Max motor cable power length:</b>	50 m	<b>Max recommended speed:</b>	21000 RPM	<b>Motor output power (PCE8x3):</b>	2.0 kW (380 VAC)
<b>Motor output power (PCE8x5):</b>	4.3 kW (380 VAC)	<b>Power stage efficiency:</b>	97%	<b>Recommended fuse rating (PCE8x3):</b>	20 A @ 600 VAC
<b>Recommended fuse rating (PCE8x5):</b>	30 A @ 600 VAC	<b>Resolver position signal resolution:</b>	24 bits/rev	<b>Ride-through time @120VAC 60Hz:</b>	>2.1 cycles
<b>Ride-through time @240VAC 60Hz:</b>	>13.3 cycles	<b>Ride-through time @90VAC 50Hz:</b>	>0.7 cycles	<b>Weight (PCE8x3):</b>	3.6 kg
<b>Weight (PCE8x5):</b>	4.2 kg	<b>Last Verified:</b>	06/01/2025 6:37 AM		

### Contact Us

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### Shipping Options



### Payment Methods

