

END OF SHAFT - BX 4-12 CONDUCTOR



BX 4-12

The BX model is IEC's most versatile product. Available with 2 to 40 conductors, the BX mounts cantilevered at the end of a shaft using a 2" or 4" mounting flange. The BX is a sealed unit with your choice of anodized aluminum, or stainless steel splash proof encasement. The stainless steel units may be oil filled for condensation prevention.



Standard Specifications

Operating Current	7.5 amps per ring
Operating Voltage	1,000 VRMS
Electrical Noise	5 μ V, P-P, BW=10Hz-10kHz at 8.5 mA, 500rpm
Leakage Resistance	10,000 M Ω (min)
Temperature Range	-30°F to 175°F
Encasement	Anodized Aluminum, or Stainless Steel, splash proof construction
Ring Material	Solid coin silver
Brush Springs	Beryllium copper
Brush Contacts	Two 80% silver-20% graphite contacts per ring
Insulation	Teflon and delrin
Sealing	O-rings, double shaft seal

Options

Current	Up to 24 amps per ring
Voltage	Up to 6,000 VDC
Bandwidth	DC to 250 MHz
Temperature	-45°F to 350°F
Connectors	To customer specifications
Wire	Coax, twisted pair, thermocouple, to customer specifications
Wire leads	Longer leads than 2 ft. standard lengths
Mounting	To customer specifications
Subsea	Wet-mateable connectors

Sample Applications Include:

Oceanographic Instrumentation
Oil Well Logging
Food Processing
Packaging Machines
Bottle Fillers
Coil Tube Reels
Defense Applications
Marine Winch



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