

END OF SHAFT - XLSN 30, 40 CONDUCTOR



XLSN 30,40

The XLSN assembly is rugged and versatile. It can handle power and high frequency signals in the same package. Available in any combination between 30 and 40 channels. The stainless steel encasement and double sealed shaft make this unit ideal for oceanographic applications. The small housing diameter makes it possible for this unit to be mounted inside of a shaft or mounted cantilevered at the end of the shaft.

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	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	Delrin
Sealing	O-rings, double shaft seal

Options

Current	High amperage modifications to customer specifications
Voltage	Up to 6,000 VDC
Bandwidth	DC to 150 MHz
Temperature	-30°F to 250°F
Connectors	To customer specifications
Wire	Coax, twisted pair, thermocouple, custom cable assemblies to customer specifications
Wire leads	Longer leads than 2 ft. standard lengths
Mounting	To customer specifications

Sample Applications Include:

Oceanographic Instrumentation
Seismic Acquisition Equipment
Food Processing
Packaging Machines
Marine Winch and Towed Arrays
Defense Applications
Wind Turbines



IEC CORPORATION

3100 Longhorn Blvd. Austin, Texas 78758-0769 USA
512-836-0547, Fax 512-834-1082
www.ieccorporation.com