

EXPLOSION PROOF -BXXP 2-44 CONDUCTOR



IEC has attained explosion proof/hazardous location certification from CSA International for the IEL BXXP series of electrical slip rings for use in Class 1, Division 1, Groups C and D locations. The BXXP is available in standard configurations with 2, 4, 6, 8, 10, or 12 rings. Custom configurations are available with up to 44 rings. Please contact our staff for assistance with your needs.

Standard Specifications

Operating Current	7.5 amps per ring
Operating Voltage	1,000 VAC
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
Leads	20 AWG TFE covered wire, 2 ft long

Options

Current	Up to 24 amps per ring
Wire	Coax, twisted pair, thermocouple, to customer specifications
Wire leads	Longer leads than 3 ft. standard lengths
Mounting	To customer specifications

Sample Applications Include:

- Oil Well Logging
- Coil Tubing Reels
- Food Processing
- Packaging Machines
- Stress and Torque Readings
- Defense Applications
- Temperature Control



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