

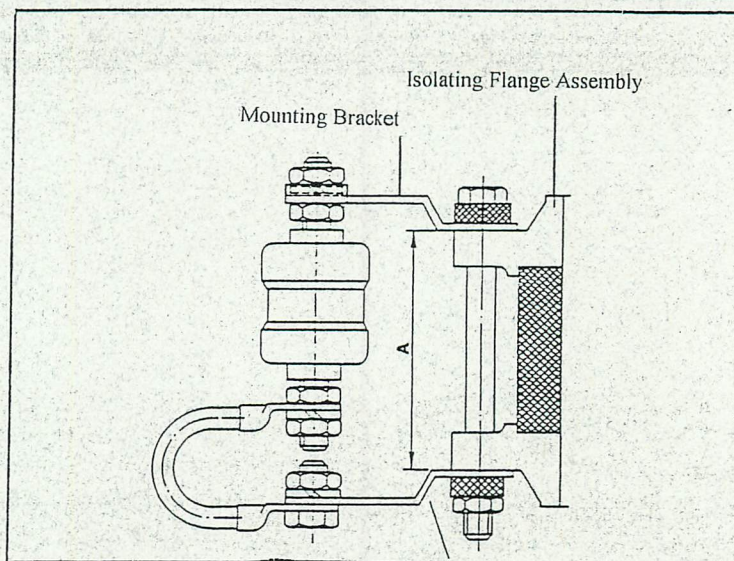


RUSTROL® SYSTEMS

Product Information

PRODUCT: Lightning Protection
Rustrol® Gas Gap™

END USERS: Pipeline Operations
Electrical Utilities



Typical Installation
Across an Isolation Flange Assembly

APPLICATIONS: Cathodic Protection of buried and submerged metallic structures, (*ie.*, pipelines/tanks *etc.*) requires the necessity to electrically isolate the primary structure from contact with the grounding network.

Lightning being one of the most unpredictable and destructive forces in nature strikes the earth more than 90 million times a year. Electrically isolated structures, (*ie.*, pipelines) are potentially dangerous because they are prone to an electrical charge, resulting in equipment damage and creating a safety hazard to employees and the general public alike.

Millions of dollars are lost each year because of lightning damage. Protect your valued structures from lightning exposure with the ceramic sealed **Rustrol® Gas Gap™**

OPERATING CHARACTERISTICS:

Model Number	Rated Discharge Current kA (8/20 μ s)	Power Frequency Sparkover VAC (60 Hz)	Lightning Impulse Sparkover Volts 1 KV/ μ s	Dimensions Diameter/ Length	Electrode Construction Volts	Exposure Rated Application
GG-100TS	100	100 \pm 20%	\approx 650	25mm/88mm	Metal - Ceramics Encapsulated	Light/ Moderate
GG-100TC	100	100 \pm 20%	\approx 650	50mm/155mm	Metal - Ceramics Explosion Resistant	Heavy Duty

Rev. 2, March 23, 1999

■ Rustrol® Gas Gaps™ are provided with 200 mm (8") of connecting cable and flange mounting brackets to accommodate up to 25.4 mm (1") bolt diameter.

**Ordering
Information**

Interprovincial Corrosion Control Company Limited
Burlington, Ontario
Canada

International Corrosion Control Inc.
Lewiston, New York
USA

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AUTHORIZED DISTRIBUTOR

Rustrol® is a registered trademark

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