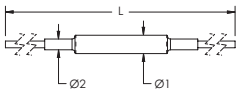
Potential Equalization Clamp

- High peak current capability provides long service life
- Weatherproof enclosure is suitable for direct burial
- The PEC100 is ATEX approved and suitable for use in potentially explosive atmospheres



Part Number	PEC100
Article Number	702900
Spark-Over Voltage @ 100 V/s	350 V
Max Discharge Current (Imax)	100 kA 8/20 µs
Technology	Gas Discharge Tube (GDT)
Insulation Resistance	1 GΩ Min
Capacitance	15 pF Max
Voltage Protection Level (Up)	800 V @ 1,000 V/µs
Impulse Current (Iimp)	25 kA 10/350 µs
Lead Length	450 mm
Lead Size	16 mm²
Enclosure Rating	IP 66 IP 67
Temperature	-30 to 70 °C
Diameter 1 (Ø1)	28 mm
Diameter 2 (Ø2)	16.3 mm
Length (L)	953 mm
Unit Weight	0.5 kg
Complies With	IEC® 61643-1 Class I, Class II IEC® 62561-3

Spark-over voltage has a tolerance of +/- 20%.

IEC is a registered trademark of the International Electrotechnical Commission.

WARNING
nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent 's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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