Potential Equalization Clamp

CERTIFICATIONS

FEATURES

- 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

SPECIFICATIONS

Table 1/2

Catalog Number	**PEC100**
Article Number	702900
Spark-Over Voltage @ 100 V/s	350 V
Max Discharge Current (Imax)	100kA 8/20 µs
Technology	Gas Discharge Tube (GDT)
Insulation Resistance	10 GΩ
Capacitance	15 pF Max
Voltage Protection Level (Up)	800 V @ 1000 V/µs
Impulse Current (Iimp)	25kA 10/350 µs

Catalog Number	PEC100
Lead Length	450mm
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

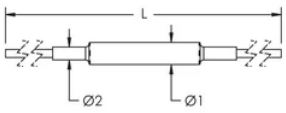
Table 2/2

Catalog Number	PEC100
Length (L)	953mm
Unit Weight	0.5 kg
Complies With	IEC® 61643-1 Class I, Class II IEC® 62561-3

ADDITIONAL PRODUCT DETAILS

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

DIAGRAMS



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.nvent.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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