

## Solid State PCR Polarization Cell Replacement – PPC 900 A

Solid-state polarization cell is a semiconductor cell used with cathodically protected structures (pipelines, tanks, grounding systems, etc.) for DC decoupling and AC continuity/grounding, and also for protection from lightning current and AC faults.



### Telemagnetica S.r.l.

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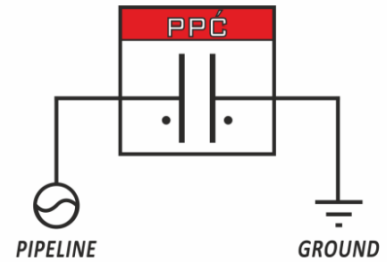
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**ENCLOSURE**

- stainless-steel or epoxy coated steel (per client request)
- Dimensions 400(W) x 500(H) x 210(D) mm

**STANDARDS / DIRECTIVES:**

- EN 12954
- IEC 60529

**CONNECTION DIAGRAM****TECHNICAL DATA**

Operating Temperature	-25°C to +55°C
Degree of protection	IP65
AC steady state current:	80 A <sub>rms</sub> (50 Hz)
Lightning surge current (8/20 μS):	100 kA
DC threshold voltage:	-3V / +1V
AC fault current:	900 A (1 s @ 50 Hz)

- Number of Operations: Virtually unlimited under maximum ratings, under conditions that operations are not immediately repetitive.
- Energy Requirements: None. The device is totally passive.

**NOTE:**

Specifications of the unit can be modified according to user demands.

Supporting frame for in-field stand-alone installation is not part of standard delivery – if required, supporting frame should be ordered separately!

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