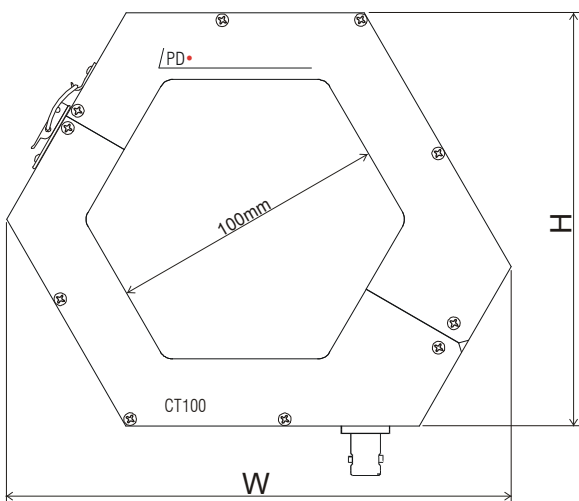


Clamp-On Current Transformer



CT100



Current Transformer (CT)

Current transformers are a low-impact PD sensor option since no interruption of the power connection is required. Such installation is even possible under on-line conditions, as the CT100 is a clamp-on current transformer that can be opened and clamped around a connecting cable, a ground lead, or even a feeding medium-voltage cable with a high-voltage motor installation.

When a current transformer is used instead of a quadrupole, the current transformer can be placed around a coupling capacitor terminal or around a part of the test object itself. A current transformer has the advantage of providing galvanic isolation between the ICMseries PD detector and the high voltage circuit. Power Diagnostix offers current transformers as separate modules or integrated with a coupling capacitor into a single unit.

Technical Data

Transfer ratio at 50 Ω :	1:10
Primary window:	100 mm
Bandwidth at -3 dB:	2–25 MHz
Bandwidth at -6 dB:	1.2–40 MHz
Size (W x H x D):	182 x 148 x 25 mm ³
Weight:	approx. 700 g