

Current sensor	Accuracy	Isolation	Insertion Loss	Power Supply	Bandwidth	Cost
Sense Resistor	± 3 to $\pm 5\%$	No	High	No	DC to 10 MHz	Low
Contact Hall-Effect	± 1 to $\pm 5\%$	Medium	Medium	High	DC to 1 MHz	High
Contactless Hall-Effect	± 5 to $\pm 10\%$	Yes	Zero	High	DC to 100 kHz	Medium
Current Transformer	± 1 to $\pm 5\%$	Yes	Zero	No	50 Hz to 1 MHz	Medium
Crocus Technology CT100	$\pm 1\%$	Yes	Zero	Low	DC to 1 MHz	Low

TABLE 1 COMPARATIVE TABLE BETWEEN WIDELY USED CURRENT SENSING TECHNOLOGIES