

**DCEXT5W****External DC/DC Converter with Output Power up to 5W**

Generates from the input non-stabilized DC voltage a DC stabilized output voltage with an input/output isolation and output power up to 5W. There is possible to configure the DC/DC converter according to customer's request on input voltage range and output voltage in an easy way. The converter is built in a closed plastic enclosure with an input and output extension cable.

**Specification (according to customer's choice):**

- input voltage range: 9VDC-18VDC, 18VDC-36VDC, 36VDC-75VDC
- output voltage: 3.3V, 5V, 12V, 15V
- number of outputs: 1
- maximum output power: 3W or 5W
- fully stabilized output voltage
- output voltage stability:  $\pm 2.5\%$
- output voltage ripple: max. 1% (peak-to-peak, without external capacitors)
- output short circuit protection
- input fuse
- efficiency: 68% to 76% (typically, depends on the output voltage)
- built-in input and output filter
- input and output overvoltage protection as an option
- green LED output voltage presence indication
- input/output isolation: 500VDC minimum
- natural convection cooling
- operating ambient temperature range:  $-25\text{ }^{\circ}\text{C}$  to  $+71\text{ }^{\circ}\text{C}$
- dimensions 85 mm x 45 mm x 33 mm (3.35" x 1.77" x 1.3")
- coverage level: IP44
- input and output cables and connectors as an option

**Application:**

DC/DC converter is designed for use in automation and measuring technology, in telecommunications and in mobile use wherever the input DC voltage of the nominal value of 12VDC, 24VDC or 48VDC is available.

