

## R420-1.8/PL

The R420 has been designed for auxiliary power from 4-20mA loops and other low power budget applications that require a maximum input current <3.6mA. This low profile SMD converter delivers a regulated, short circuit protected output that can be adjusted between 1.8V & 5V with a single external resistor & delivers three times the output current of equivalent linear regulators to power microprocessors, data loggers & HART digital modems without affecting the analog 4-20mA signal. The R420 will also find many applications in energy scavenging & indoor solar powered circuits.



<b>Unique Selling Proposition:</b>	Designed for 4-20mA Loop operation & energy scavenging applications Open frame SMD design -40°C to +105°C operating temperature Continuous short circuit protection No minimal load required 5000m operating altitude
<b>Target Customer:</b>	HART digital modems Data-loggers Micro-processors Sensor Applications
<b>Main Features:</b>	Low current regulator 3 year warranty

Datasheets and additional information can be found on: [www.recom-international.com](http://www.recom-international.com)