

TRUE BLUE POWER®

A division of Mid-Continent Instrument Co., Inc.

230 Watt DC-to-DC Converter

TC230 Series

Manufactured by Mid-Continent Instrument Co., Inc.

The TC230 Series Converter utilizes the aircraft's 14-volt system to power 28-volt avionics, instruments and accessories, including radios, GPS and electronic equipment. The 230-watt power source is the smallest and lightest step-up converter in aviation, today.



Weighing just .7 pounds, the TC230 Series DC-to-DC Converter supplies 230 watts of power from the aircraft's existing 10–18 VDC input to power 28 VDC equipment. The TC230's highly-efficient, fanless design reduces weight and offers flexible installation.

Product features

OUTPUT POWER	230 Watts
INPUT VOLTAGE	10 – 18 VDC
OUTPUT VOLTAGE	28 VDC
EFFICIENCY	90% nominal
REMOTE ON/OFF	Optional
COOLING	None required
PROTECTION	Input transient, overload and short circuit, temperature monitoring, reverse polarity
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA
WARRANTY	Two-year limited

Kansas

9400 East 34th Street North
Wichita, Kansas 67226 USA
Tel 316.630.0101 800.821.1212
Fax 316.630.0723
tbp@mcico.com

California

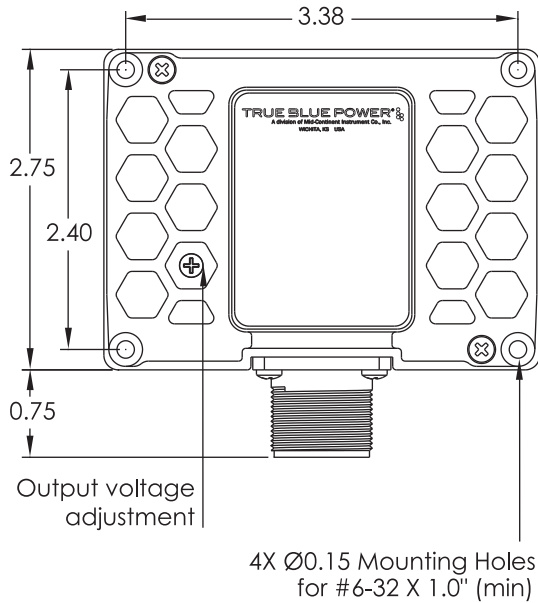
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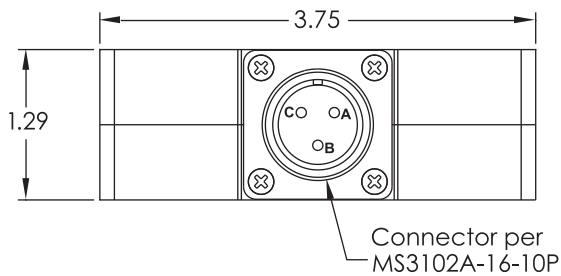


Technical specifications

INPUT VOLTAGE	10 – 18 VDC
INPUT CURRENT	18.0 A Nominal
OUTPUT VOLTAGE	28 VDC
OUTPUT POWER	230 watts
REGULATION	1% load, 2% temperature
WEIGHT	0.70 lbs (0.32 kg)
ALTITUDE	55,000 ft
TEMPERATURE	-67°F to +158°F (-55°C to +70°C)
MATING CONNECTOR	P/N 9018654 (6430234-1) P/N 9018655 (6430234-2)
CASE	Anodized aluminum, blue
CERTIFICATION	FAA TSO C71 certified RTCA DO-160G qualified

Two options to choose from

Part Number 6430234-1



Part Number 6430234-2 (with remote on/off feature)

