



Description:

PWM Converters provide a compact solution for converting digital pulse width modulated (PWM) signal into voltage.

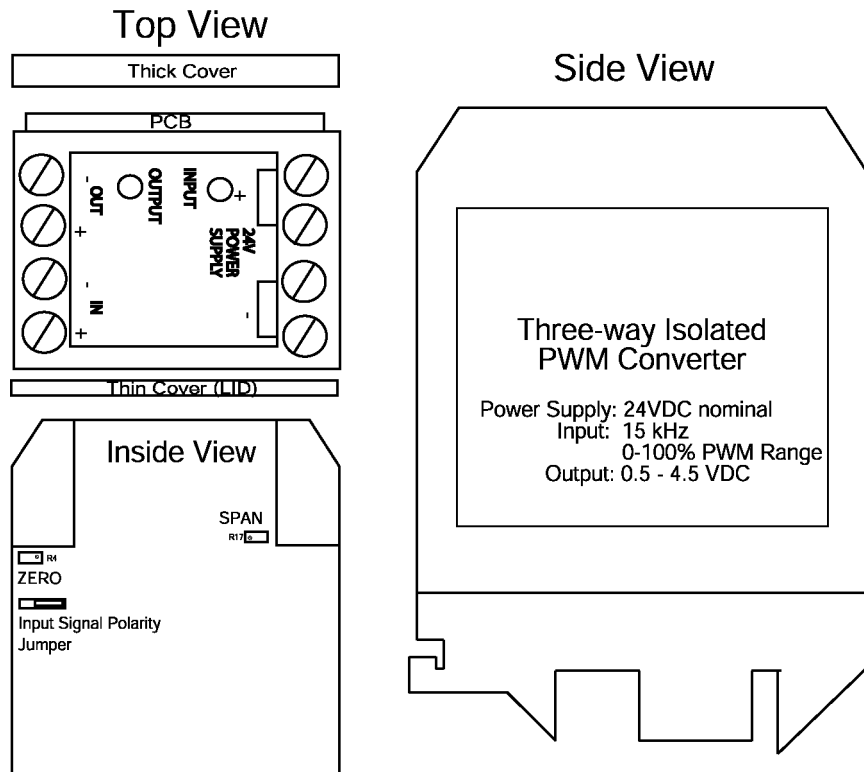
Applications: Industrial controls

Technical Specifications:

All specifications typical at nominal input voltage and 25 degrees C unless otherwise specified.

Ordering Part Number:	PWMI-WG8-09
Input Specifications:	
<i>PWM</i>	Fully isolated PWM frequency 15 kHz PWM range 0-100%
<i>Input Voltage</i>	Low <5.2V High >6.5V (50V max.)
<i>Input Impedance</i>	20kOhm
Output Specifications:	
<i>Voltage Output</i>	Fully isolated 0.5 to 4.5 VDC
<i>Output Impedance</i>	<1 Ohm Transient protection included Short circuit protection
General Specifications:	
<i>Response Time</i>	750 mSec.
<i>Power Supply</i>	24VDC+/-20% Transient protection
<i>Reverse Polarity Protection</i>	Provided
<i>Operating Conditions</i>	-40 to 85 degrees C (-40 to 185 degrees F) 0-95% relative humidity
<i>Adjustments</i>	Span and Offset (Zero) <i>factory configured</i>
<i>Electrical connection</i>	#12 to #22 AWG screw terminals
<i>Packaging</i>	Wieland WEG8, DIN rail mount For mobile applications, request an automotive conformal coating upon ordering. Add -ACC to the part number.
<i>Dimensions</i>	60.6 x 90.5 x 28.5 mm (WxHxD) 2.38 x 3.56 x 1.12 inches excluding DIN rail

Wiring Diagram:



Specifications are indicative and subject to change. Actual performance will vary depending on the application and operating conditions. Users should satisfy themselves that the product is suitable for use in the intended application. All our products carry a limited warranty against defects in material and workmanship. Please refer to our Warranty, Application Approvals/Limitations and Return Materials Process as described on www.axiomatic.com/service.html.

Form: TD2012AX-05/14/09