

Axiomatic announces the release of the newest addition to our Signal Conditioner Line, the AX130200. By providing a signal conversion and isolation between two incompatible signals, the Axiomatic AX130200 can assist the system integrator to connect several different devices in a control system.

This model converts a Pulse Width Modulated (PWM) Signal between 50 Hz to 50 kHz into a 0-20 mA current signal and provides full isolation between input, output and power supply. With DIN rail housing, screw terminal connections and an LED indicator, this converter has user friendly adjustability.

The PWM to Current Converter is part of a growing line of signal conditioners designed and manufactured by Axiomatic. Single or multiple channel signal conditioners convert and manage several digital PWM, voltage or current signals in order to suit a variety of machine control and automation applications. Axiomatic's high-efficiency converters are easily customized to meet specific application needs.



PWM to Current Signal Converter
Model: AX130200

Features:

- PWM input (50 Hz to 50 kHz, 0-100% Duty Cycle)
- Other current or voltage inputs available on request
- 0-20 mA output (model AX130200)
- 4-20 mA, 0-5VDC, 0-10VDC outputs available
- 12VDC or 24VDC nominal power supply
- Full Isolation between input, output and power supply
- Short circuit protection
- DIN rail mount (35mm)
- <5 mSec. response time
- Diagnostic LEDs indicate operational status
- Operational from -40 to 85 degrees C
- PCB is conformal coated
- IP40 housing protection, terminals rated at IP20
- Span and zero is user adjustable.

Applications: Distributed controls for machine or engine control panels, Industrial automation

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