

Bachmann · M200 Control System

AIO216

16-Channel Universal Analog Input/Output Module**Product identity and technical data**

Product family	M200 Control System
Product type	16-channel universal analog input/output module
Order number	00020627-00
Channels	16, individually configurable
Voltage input ranges	± 10 V, ± 1 V, ± 100 mV, ± 10 mV
Current input ranges	± 20 mA; 0–20 mA; 4–20 mA
Input resolution	16 bit
Output resolution	14 bit
Product dimensions	5.5 × 11.9 × 6.1 cm, W × H × D
Product weight	0.20 kg approximate

Documented role

AIO216 is a Bachmann M200 sixteen-channel universal analog input/output module with per-channel signal configuration.

Its channels support voltage and current inputs, Pt100/Pt1000 and thermocouple measurement, or voltage and current outputs, with 16-bit input and 14-bit output conversion.

Selection and installation checks

- Configures each of sixteen channels for supported analog input, temperature input, or analog output functions
- Combines 16-bit input conversion with 14-bit output conversion and adjustable filtering
- Supports an external 18 to 34 volt DC supply and provides 500 volt isolation from the control system

AIO216 channels are individually configurable, so preserve the channel-mode and scaling record. Verify order number 00020627-00, wiring, filter, external supply, output load, grounding, and calibration before replacement.