

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7135-0HF01-0XB0

ET 200B Analog Output Block



OUTPUTS	BUS	TERMINAL	SUPPLY
4 analog	PROFIBUS DP	TB8	24 V DC

Siemens 6ES7135-0HF01-0XB0 is the ET 200B-4AO electronics block for PROFIBUS DP. It provides four configurable voltage or current outputs and operates with the TB8 terminal block. Output type and range depend on both terminal coding and the downloaded module parameters.

01

VERIFIED TECHNICAL INFORMATION

Analog outputs	4 configurable channels
Voltage ranges	±10 V and 0-10 V
Current ranges	±20 mA, 0-20 mA and 4-20 mA in the exact historical manual
Required terminal block	TB8 with circuit-specific coding plugs
Bus interface	PROFIBUS DP; up to 12 Mbit/s, limited to 1.5 Mbit/s with IM308-B
Rated supply	24 V DC; permissible 18.5-30.2 V DC
Logic current consumption	Maximum 200 mA from L+

Manufacturer evidence: ET 200B Distributed I/O Station; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Typical power loss	2.4 W
Output conversion	11-bit two's-complement data; approximately 1 ms conversion
Voltage load resistance	Minimum 3.3 kohm
Current load impedance	Maximum 300 ohm
Reactive load limits	Maximum 1 microfarad capacitive and 1 millihenry inductive load
Voltage remote sensing	Four-wire sensing compensates up to 3 V drop per line
Shielded cable length	Maximum 100 m
Communication-interruption output	Configurable substitute value or last value per channel with SI8018BE.200

03 SOURCE AND CONFIGURATION CHECKS

Voltage loads can use two-wire connections or four-wire sensing to compensate lead drops, while current loads use the documented two-wire circuit. Configurable diagnostics and communication-interruption output settings support maintenance of an existing installation, provided its addressing, analog representation and load connections are retained correctly.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM